

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2899700

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
LYONDELL CHEMICAL TECHNOLOGY, L.P.		05/16/2014
RECEIVING PARTY DATA		
Name:	LYONDELLBASELL ACETYLS, LLC	
Street Address:	1221 MCKINNEY STREET	
Internal Address:	SUITE 700	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77010	
PROPERTY NUMBERS Total: 48		
Property Type	Number	
Patent Number:	7825204	
Patent Number:	7855304	
Patent Number:	7524988	
Patent Number:	7485749	
Patent Number:	7208625	
Patent Number:	7811968	
Patent Number:	7345197	
Patent Number:	7390919	
Patent Number:	7790919	
Patent Number:	7812191	
Patent Number:	8309761	
Patent Number:	7790920	
Patent Number:	8076508	
Patent Number:	8586789	
Patent Number:	8076512	
Patent Number:	8114671	
Patent Number:	8293534	
Patent Number:	8513152	
Patent Number:	8329611	
Patent Number:	8501984	

PATENT

Property Type	Number
Patent Number:	8273682
Patent Number:	8507720
Patent Number:	8519181
Patent Number:	8394987
Patent Number:	8519182
Patent Number:	8629298
Patent Number:	8637699
Patent Number:	8399700
Patent Number:	8168562
Application Number:	12291628
Application Number:	14052863
Application Number:	12802972
Application Number:	12953959
Application Number:	13149538
Application Number:	13623213
Application Number:	13713930
Application Number:	13720539
Application Number:	13531987
Application Number:	13664549
PCT Number:	US2011056733
PCT Number:	US2011061994
PCT Number:	US2012026693
PCT Number:	US2012033621
PCT Number:	US2013060257
PCT Number:	US2012069735
PCT Number:	US2012070678
PCT Number:	US2013047085
PCT Number:	US2013067266

CORRESPONDENCE DATA

Fax Number: (713)309-4631

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: 7133094369

Email: legal-ip@lyondellbasell.com

Correspondent Name: LYONDELLBASELL

Address Line 1: 1221 MCKINNEY STREET

Address Line 2: LEGAL IP DEPARTMENT

Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER: LCTLP TO LBA

PATENT

REEL: 033182 FRAME: 0020

NAME OF SUBMITTER:	DIANE L. KILPATRICK-LEE
SIGNATURE:	/Diane L. Kilpatrick-Lee/
DATE SIGNED:	06/16/2014
Total Attachments: 5 source=Assignment from LCTLP to Acetyls 16MAY2014#page1.tif source=Assignment from LCTLP to Acetyls 16MAY2014#page2.tif source=Assignment from LCTLP to Acetyls 16MAY2014#page3.tif source=Assignment from LCTLP to Acetyls 16MAY2014#page4.tif source=Assignment from LCTLP to Acetyls 16MAY2014#page5.tif	

ASSIGNMENT OF PATENTS

We,

Lyondell Chemical Technology, L.P.,

(hereinafter referred to as ASSIGNOR), whose full post office address is

**1221 McKinney Street, Suite 700
Houston, Texas 77010**

for good and valuable consideration, receipt of which is hereby acknowledged, do hereby confirm that we have sold, assigned, transferred and set over to

LyondellBasell Acetyls, LLC,

(hereinafter referred to as ASSIGNEE), whose full post office address is

**1221 McKinney Street, Suite 700
Houston, Texas 77010,**

the entire right, title, and interest in PATENTS (as listed in attached Exhibit A);

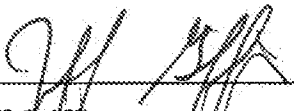
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration from ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to PATENTS and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said PATENTS as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said PATENTS which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the undersigned has executed this Assignment of Patents on this
16th day of May, 2014.

By: Lyondell Chemical Technology Management, Inc., Its General Partner



Jeff Griffin
Authorized Representative

**ASSIGNMENT OF PATENTS - LYONDELL CHEMICAL TECHNOLOGY, L.P.
EXHIBIT A**

Case Number	Country	Application Number	Application Date	Patent Number	Grant Date	Current Owner
INORGANIC OXIDE EXTRUDATES						
01-2682A	Brazil	PI0721293-3	11/20/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Canada	2670941	11/20/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	China P.R.	200780047282.9	11/20/2007	ZL200780047282.9	05/08/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Europe	07862141.4	11/20/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	India	2068/KOLNP/2009	11/20/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Malaysia	PI20092482	11/20/2007	MY-146027-A	06/15/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Malaysia	PI2012003584	11/20/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Republic of Korea	2009-7012638	11/20/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Russian Federation	2009122939	11/20/2007	2451545	05/27/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	Singapore	2009-03739-1	11/20/2007	152842	01/13/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682A	United States	11/641482	12/19/2006	7825204	11/02/2010	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2682B	United States	12/807884	09/16/2010	7855304	12/21/2010	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2684A	Brazil	PI0714780-5	07/23/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	China P.R.	200780028733.4	07/23/2007	ZL200780028733.4	12/12/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	France	07796988.9	07/23/2007	2046711	03/16/2011	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	Germany	602007013242.8	07/23/2007	2046711	03/16/2011	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	Great Britain	07796988.9	07/23/2007	2046711	03/16/2011	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	India	364/KOLNP/2009	07/23/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	Netherlands	07796988.9	07/23/2007	2046711	03/16/2011	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2684A	United States	11/496900	08/01/2006	7524988	04/28/2009	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
PREPARATION OF ACETIC ACID						
01-2685A	Brazil	PI0715691-0	08/07/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2685A	China P.R.	200780030995.4	08/07/2007	ZL200780030995.4	05/15/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2685A	Europe	07811151.5	08/07/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2685A	India	415/KOLNP/2009	08/07/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
01-2685A	United States	11/508109	08/22/2006	7485749	02/03/2009	LYONDELL CHEMICAL TECHNOLOGY, L.P. and MILLENNIUM PETROCHEMICALS INC.
REMOVING PERMANGANATE-REDUCING IMPURITIES FROM ACETIC ACID						
01-2687A	Brazil	PI0715083-0	04/16/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2687A	China P.R.	200780029110.9	04/16/2007	ZL200780029110.9	12/12/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2687A	France	07755451.7	04/16/2007	2046712	11/18/2009	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2687A	Germany	07755451.7	04/16/2007	2046712	11/18/2009	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2687A	India	373/KOLNP/2009	04/16/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2687A	Netherlands	07755451.7	04/16/2007	2046712	11/18/2009	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2687A	United States	11/499551	08/04/2006	7268625	04/24/2007	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF PALLADIUM-GOLD CATALYSTS						
01-2698A	Brazil	PI0811132-4	04/04/2008			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2698A	Canada	2683952	04/04/2008			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2698A	China P.R.	200880015659.7	04/04/2008	ZL200880015659.7	09/28/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2698A	Europe	08727280.3	04/04/2008			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2698A	India	3671/KOLNP/2009	04/04/2008			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2698A	Russian Federation	2009141301	04/04/2008	2457903	10/08/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2698A	United States	11/801935	05/11/2007	7811968	10/12/2010	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2699A	United States	11/810167	06/05/2007	7345197	03/18/2008	LYONDELL CHEMICAL TECHNOLOGY, L.P.
METHYL ACETATE PURIFICATION AND CARBONYLATION						
01-2709A	United States	11/806313	10/01/2007	7390919	08/24/2008	LYONDELL CHEMICAL TECHNOLOGY, L.P.
REMOVING HYDROCARBON IMPURITIES FROM ACETIC ACID PRODUCTION PROCESS						
01-2722A	United States	12/077098	03/17/2008	7790919	09/07/2010	LYONDELL CHEMICAL TECHNOLOGY, L.P.
REMOVING HYDROCARBON IMPURITIES FROM ACETIC ACID BY IONIC LIQUID EXTRACTION						
01-2726A	United States	12/151554	05/07/2008	7812191	10/12/2010	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2726B	United States	12/807110	08/27/2010	8309761	11/13/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2730A	Brazil	PI0919090-2	08/18/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2730A	China P.R.	200880135237.8	08/18/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2730A	Europe	09789158.4	08/18/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2730A	India	1810/CHENP/2011	08/18/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2730A	Russian Federation	2011113985	08/18/2009	2503652	01/10/2014	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2730A	United States	12/283329	09/11/2006	7790920	09/07/2010	LYONDELL CHEMICAL TECHNOLOGY, L.P.
SUPPORTED PALLADIUM-GOLD CATALYSTS AND PREPARATION OF VINYL ACETATE THEREWITH						
01-2735A	Brazil	PI0921892-0	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Canada	2742615	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	China P.R.	200980145301.0	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Europe	09748865.4	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	India	3221/CHENP/2011 A	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Malaysia	PI 2011001937	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Republic of Korea	2011-7010261	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Singapore	201103285-1	10/27/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Singapore	201301566-1	03/04/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	Singapore	201405533-4	01/23/2014			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2735A	United States	12/291628	11/12/2008			LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2738A	China P.R.	200980156400.9	11/13/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2738A	India	4685/CHENP/2011	11/13/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2738A	Russian Federation	2011128006	11/13/2009			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2738A	United States	12/315897	12/08/2008	8076508	12/13/2011	LYONDELL CHEMICAL TECHNOLOGY, L.P.
REMOVING HYDROCARBON IMPURITIES FROM ACETIC ACID PRODUCTION INTERMEDIATE						
01-2747A	Brazil	PI1013382-8	03/05/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	Canada	2756813	03/05/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	China P.R.	201080015838.8	03/05/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	Europe	10708662.1	03/05/2010	2414315	09/18/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	France	10708662.1	03/05/2010	2414315	09/18/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	Germany	10708662.1	03/05/2010	602010010357.9	09/18/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	Great Britain	10708662.1	03/05/2010	2414315	09/18/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	India	7086/CHENP/2011	03/05/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	Netherlands	10708662.1	03/05/2010	2414315	09/18/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.

**ASSIGNMENT OF PATENTS - LYONDELL CHEMICAL TECHNOLOGY, L.P.
EXHIBIT A**

Case Number	Country	Application Number	Application Date	Patent Number	Grant Date	Current Owner
01-2747A	Russian Federation	2011143873	03/05/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	United States	14/052863	10/14/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2747A	United States	12/383896	03/30/2009	8586789	11/19/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2748A	Brazil	BR112012004300-5	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	Canada	2772209	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	China P.R.	201080049641.6	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	Eurasia	201270326	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	Europe	10737396.1	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	India	1798/CHENP/2012	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	Republic of Korea	2012-7005031	07/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	Singapore	201201350-4	07/19/2010	178578	03/28/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
01-2748A	United States	12/583871	08/27/2009	8078512	12/13/2011	LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUSTAR CHEMICALS, LP
METHOD FOR QUANTIFYING PERMANGANATE-REDUCING COMPOUNDS						
01-2756A	United States	12/589931	10/30/2009	8114671	02/14/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
METHOD FOR QUANTIFYING PERMANGANATE-REDUCING COMPOUNDS						
01-2757A	United States	12/589930	10/30/2009	8293534	10/23/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
TITANIA-CONTAINING EXTRUDATE						
01-2767A	Brazil	BR112012014897-1	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	China P.R.	201080057848.8	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	Europe	10787215.2	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	India	5205/CHENP/2012	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	Japan	2012-544545	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	Republic of Korea	2012-7015395	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	Singapore	201204292-5	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	Singapore	201302060-7	03/21/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	Taiwan	099142017	12/03/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	United States	13/644805	10/04/2012	8513152	08/20/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2767A	United States	12/653563	12/16/2009	8329611	12/11/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF PALLADIUM-GOLD CATALYST						
01-2768A	Brazil	BR112012014795-1	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	China P.R.	201080057847.3	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	Europe	10779908.2	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	India	5201/CHENP/2012	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	Japan	2012-544546	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	Republic of Korea	2012-7015397	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	Singapore	201204302-2	11/19/2010	181847	05/31/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	Singapore	201302247-0	03/27/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	Taiwan	099142015	12/03/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	United States	13/571848	08/10/2012	8501984	08/06/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2768A	United States	12/653592	12/16/2009	8273682	09/25/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
TITANIA-ALUMINA SUPPORTED PALLADIUM CATALYST						
01-2771A	Brazil	BR112012018755-4	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2771A	China P.R.	CN201080064074.1	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2771A	Europe	10784629.7	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2771A	Singapore	201205784-2	11/19/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2771A	United States	12/657893	01/29/2010	8507720	08/13/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2776A	United States	12/798598	04/07/2010	8519181	08/27/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PREPARATION OF ACETIC ACID						
01-2779A	United States	12/802972	06/17/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
METHYL IODIDE REMOVAL FROM ACETIC ACID WASTE STREAM						
01-2780A	United States	12/802941	06/17/2010	8394987	03/12/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
ACETIC ACID PRODUCTION PROCESS						
01-2784A	Brazil	BR112013009405-2	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	Canada	2814372	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	China P.R.	201180048352.9	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	Eurasia	201390584	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	Europe	11776664.2	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	India	2887/CHENP/2013	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	PCT	PCT/US2011/056733	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	Republic of Korea	2013-7009156	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	Singapore	201302681-0	10/18/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2784A	United States	12/906575	10/18/2010	8519182	08/27/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
VINYL ACETATE PRODUCTION PROCESS						
01-2785A	Brazil	BR112013012606-0	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	Canada	2818883	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	China P.R.	201180056885.1	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	Europe	11796856.0	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	India	3964/CHENP/2013	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	PCT	PCT/US2011/061994	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	Republic of Korea	2013-7013105	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	Russian Federation	2013128476	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	Singapore	201303364-2	11/23/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2785A	United States	12/953959	11/24/2010			LYONDELL CHEMICAL TECHNOLOGY, L.P.
ACETIC ACID PRODUCTION PROCESS						
01-2786A	Brazil	BR112013021859-0	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	Canada	2827512	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	China P.R.	201282010709.9	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	Europe	12716782.3	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	India	6427/CHENP/2013	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	PCT	PCT/US2012/026893	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	Republic of Korea	2013-7022694	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	Russian Federation	2013143805	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	Singapore	201308500-8	02/27/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2786A	United States	13/037041	02/29/2011	8629298	01/14/2014	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PROCESS FOR THE MANUFACTURE OF ACETIC ACID						

**ASSIGNMENT OF PATENTS - LYONDELL CHEMICAL TECHNOLOGY, L.P.
EXHIBIT A**

Case Number	Country	Application Number	Application Date	Patent Number	Grant Date	Current Owner
01-2787A	United States	13/088145	04/15/2011	8637699	01/28/2014	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PROCESS FOR THE MANUFACTURE OF ACETIC ACID						
01-2788A	United States	13/149538	05/31/2011			LYONDELL CHEMICAL TECHNOLOGY, L.P.
VINYL ACETATE PRODUCTION PROCESS						
01-2792A	PCT	PCT/US2012/033621	04/13/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2792A	United States	13/087785	04/15/2011	8399700	03/19/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PROCESS FOR PRE-TREATMENT OF A CATALYST SUPPORT AND CATALYST PREPARED THEREFROM						
01-2794A	PCT	PCT/US2013/060257	09/18/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2794A	United States	13/523213	09/20/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
PROCESS FOR THE MANUFACTURE OF ACETIC ACID						
01-2795A	PCT	PCT/US2012/068735	12/14/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
01-2795A	United States	13/713930	12/13/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
PROCESS FOR THE MANUFACTURE OF ACETIC ACID						
01-2807A	PCT	PCT/US2012/070678	12/19/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUISTAR CHEMICALS, LP
01-2807A	United States	13/720539	12/19/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P. and EQUISTAR CHEMICALS, LP
PREPARATION OF PALLADIUM-GOLD CATALYSTS						
46-1012A	Brazil	PI0706798-4	01/10/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	Canada	2636558	01/10/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	China P.R.	200780004330.6	01/10/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	China P.R.	201410098192.4	03/17/2014			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	Europe	07748869.0	01/10/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	India	2975/KOLNP/2008	01/10/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	Japan	2008-553243	01/10/2007	5198288	02/15/2013	LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	Republic of Korea	2008-7018913	01/10/2007			LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	Singapore	200805593-1	01/10/2007	144658	10/30/2009	LYONDELL CHEMICAL TECHNOLOGY, L.P.
46-1012A	United States	11/346500	02/02/2006	8168562	05/01/2012	LYONDELL CHEMICAL TECHNOLOGY, L.P.
PROCESS FOR THE PRODUCTION OF ACETIC ACID						
HC6697	PCT	PCT/US2013/047085	06/21/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
HC6697	United States	13/531987	06/25/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.
REMOVAL OF ALDEHYDES IN ACETIC ACID PRODUCTION						
HC6698	PCT	PCT/US2013/067286	10/29/2013			LYONDELL CHEMICAL TECHNOLOGY, L.P.
HC6698	United States	13/664549	10/31/2012			LYONDELL CHEMICAL TECHNOLOGY, L.P.