

04-09-2010

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Our Ref.: LCM 702-179

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

3-18-10

<p>1. Name of conveying party(ies):</p> <p>1 Ineos Vinyls UK Limited 5</p> <p>2 - 6</p> <p>3 - 7</p> <p>4 - 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: December 4, 2009</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: Ineos Technologies (Vinyls) Limited Street Address: Hawkslease, Chapel Lane, Lyndhurst City: Hampshire State/Country: United Kingdom Zip: SO43 7FG</p> <p>2) Name _____ Street Address: _____ City: _____ State: _____ Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s). (1) 09/582,887 (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) 6,777,373 (2) _____ (3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Leonard C. Mitchard</p> <p>Internal Address: _____</p> <p>Street Address: Nixon & Vanderhye P.C. 901 North Glebe Road 11th Floor</p> <p>City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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DO NOT USE THIS SPACE

9. Statements and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Leonard C. Mitchard _____ March 18, 2010

Name of Person Signing _____ Signature _____ Date _____

Reg. No. 29,009

Total number of pages including original cover sheet, attachments, and document: [12]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

04/07/2010 SSANDARA 00000008 09582887

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40.00 DP

Dated

4th

December 2009

INEOS VINYLs UK LIMITED

and

INEOS TECHNOLOGIES (VINYLs) LIMITED

DEED OF ASSIGNMENT OF PATENTS

Slaughter and May,
One Bunhill Row,
London EC1Y 8YY

Ref: CAYC/DJOB

CE093310020

THIS DEED OF ASSIGNMENT is made on.....^{4th} December 2009

BETWEEN:

- (1) **INEOS VINYLs UK LIMITED** whose registered office is at Runcorn Site HQ, South Parade, PO Box 9, Runcorn, Cheshire, WA7 4JE (registered in England No. 00547640) (the "Assignor"); and
- (2) **INEOS TECHNOLOGIES (VINYLs) LIMITED** whose registered office is at Hawkslease, Chapel Lane, Lyndhurst, Hampshire SO43 7FG (registered in England No. 07085219) (the "Assignee").

WHEREAS:

- (A) The Assignor is the owner of the patents and the patent applications, details of which are set out in the Schedule hereto (the "Patents").
- (B) The Assignor has agreed to assign the Patents to the Assignee.

NOW THIS DEED WITNESSETH AS FOLLOWS:

1. ASSIGNMENT

In consideration of the sum of ten euros (10 euros), receipt of which is acknowledged, the Assignor hereby assigns to the Assignee all its right, title and interest in and to the Patents together with all rights, privileges and advantages thereto including, without limitation, the right to take proceedings and recover damages and obtain all other remedies in respect of past infringements thereof to hold unto the Assignee absolutely for the full term of the Patents.

2. FURTHER ASSURANCE

The Assignor shall, at the request and cost of the Assignee, execute any further documents that may be necessary to secure the vesting in the Assignee of all rights assigned to the Assignee hereunder.

3. GOVERNING LAW

This Deed of Assignment shall be governed by and construed in accordance with English law. Any matter, claim or dispute out of or in connection with this Deed of Assignment, whether contractual or non-contractual, is to be governed by and determined in accordance with English law. The parties hereby submit to the exclusive jurisdiction of the English Courts in relation to all matters arising out of this Deed of Assignment.

IN WITNESS WHEREOF this Deed of Assignment has been executed and delivered as a deed on the date which first appears on page 1 above.

SCHEDULE

Patents

EVC TECHNOLOGY AG	Brunei Darussalam	Granted	9421136.4	20-Oct-94	30/98	21-May-99	20-Oct-14	Vinyl chloride production process
INEOS VINYLs UK LIMITED	China (Peoples Republic)	Granted	95196727.4	27-Sep-95	ZL95196727.4	14-Jan-04	27-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Germany	Granted	95932878.2	27-Sep-95	69516163.6	05-Apr-00	27-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	France	Granted	95932878.2	27-Sep-95	0787117	05-Apr-00	27-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	United Kingdom	Granted	95932878.2	27-Sep-95	0787117	05-Apr-00	27-Sep-15	Vinyl chloride production process
EVC TECHNOLOGY AG	United Kingdom	Granted	9421136.4	20-Oct-94	2294262	09-Jun-98	20-Oct-14	Vinyl chloride production process
EVC TECHNOLOGY AG	India	Granted	1819/DEL/95	04-Oct-95	192197	13-Jun-05	04-Oct-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Italy	Granted	95932878.2	27-Sep-95	0787117	05-Apr-00	27-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Japan	Granted	513753/96	27-Sep-95	3014456	17-Dec-99	27-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Korea, Republic of	Granted	702578/97	27-Sep-95	274270	08-Sep-00	27-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Malaysia	Granted	PI97001653	16-Apr-97	MY-115079-A	31-Mar-03	31-Mar-18	Vinyl chloride production process
EVC TECHNOLOGY AG	Qatar	Pending		26-Sep-95				Vinyl chloride production process
EVC TECHNOLOGY AG	Saudi Arabia	Granted	95160426	29-Nov-95	486	23-Nov-05	29-Nov-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Thailand	Granted	28193	29-Sep-95	11715	17-Jan-02	29-Sep-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Taiwan	Granted	64110765	13-Oct-95	NI-086563	11-Sep-97	13-Oct-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	United States of America	Granted	08/817415	27-Sep-95	6180841	30-Jan-01	27-Sep-15	Vinyl chloride production process
EVC TECHNOLOGY AG	Venezuela	Pending	1790/95	10-Oct-95			10-Oct-15	Vinyl chloride production process
INEOS VINYLs UK LIMITED	Belgium	Granted	96902403.5	01-Feb-96	0810985	08-Dec-99	01-Feb-16	Oxychlorination of Ethylene in Two Stage Fixed-Bed Reactor
INEOS VINYLs UK LIMITED	China (Peoples Republic)	Granted	96192064.5	01-Feb-96	ZL96192064.5	17-Feb-01	01-Feb-16	Oxychlorination of Ethylene in Two Stage Fixed-Bed Reactor
INEOS VINYLs UK LIMITED	Japan	Granted	525532/96	01-Feb-96	3058696	21-Apr-00	01-Feb-16	Oxychlorination of Ethylene in Two Stage Fixed-Bed Reactor
INEOS VINYLs UK LIMITED	Korea, Republic of	Granted	705081/97	01-Feb-96	241085	01-Nov-99	01-Feb-16	Oxychlorination of Ethylene in Two Stage Fixed-Bed

Applicant	Country	Status	Pub. No.	Pub. Date	Pub. No.	Pub. Date	Pub. No.	Reactor
INEOS VINYL UK LIMITED	Taiwan	Granted	85101631	09-Feb-96	NI-105151	11-Jul-99	09-Feb-16	Oxychlorination of Ethylene in Two Stage Fixed-Bed Reactor
INEOS VINYL UK LIMITED	United States of America	Granted	08/894288	01-Feb-96	5841009	24-Nov-98	01-Feb-16	Oxychlorination of Ethylene in Two Stage Fixed-Bed Reactor
INEOS VINYL UK LIMITED	Belgium	Granted	99900096.1	06-Jan-99	1045731	05-Jun-02	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	Czech Republic	Granted	PV2000-2511	06-Jan-99	299892	12-Nov-08	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	Germany	Granted	99900096.1	06-Jan-99	69901676.2	05-Jun-02	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	France	Granted	99900096.1	06-Jan-99	1045731	05-Jun-02	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	Japan	Pending	2000-527353	06-Jan-99				Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	Norway	Granted	20003494	06-Jan-99	322404	02-Oct-06	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	Ukraine	Granted	2000084711	06-Jan-99	63987	16-Feb-04	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	United States of America	Granted	09/582887	06-Jan-99	6777373	17-Aug-04	06-Jan-19	Catalyst, Process for its Preparation, and its use in the Synthesis of 1,2- Dichloroethane
INEOS VINYL UK LIMITED	Belgium	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19	Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Czech Republic	Granted	PV2000-1490	21-Apr-00	296101	07-Nov-05	21-Apr-20	Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Germany	Granted	99303973.4	21-May-99	69918672.2	14-Jul-04	21-May-19	Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Spain	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19	Catalyst and oxychlorination process using it

Applicant	Country	Status	Pub No.	Pub Date	Pub No.	Pub Date	Pub Date	Pub Date	Process
INEOS VINYL UK LIMITED	France	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	United Kingdom	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Italy	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Japan	Pending	2000-135406	09-May-00			09-May-21		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Korea, Republic of	Granted	23236/2000	01-May-00	613656	10-Aug-06	01-May-20		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Netherlands	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Sweden	Granted	99303973.4	21-May-99	1053789	14-Jul-04	21-May-19		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Taiwan	Granted	89106790	12-Apr-00	1282749	21-Jun-07	12-Apr-20		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	United States of America	Granted	09/567282	08-May-00	6465701	15-Oct-02	08-May-20		Catalyst and oxychlorination process using it
INEOS VINYL UK LIMITED	Belgium	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Brazil	Pending	PI0519028-2	14-Dec-05			14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Canada	Pending	2589790	14-Dec-05			14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	China (Peoples Republic)	Allowed	200580042576. 3	14-Dec-05			14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Czech Republic	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Germany	Granted	05818356.7	14-Dec-05	602005009018.5	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Spain	Granted	05818356.7	14-Dec-05	2309824	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	France	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	United Kingdom	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Hungary	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Indonesia	Published	W-00 2007 01840	14-Dec-05			14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	India	Published	4158/DELNP/ 2007	14-Dec-05			14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Iran (Islamic Republic of)	Pending	387071106	19-Oct-08			14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Italy	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25		Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Japan	Pending	2007-546177	14-Dec-05					Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Korea, Republic of	Pending	2007-7013350	14-Dec-05			14-Dec-25		Polymerisation of vinyl chloride monomer

INEOS VINYL UK LIMITED	Mexico	Pending	MX/a/2007/007 085	14-Dec-05			14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Netherlands	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Poland	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Portugal	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Romania	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Sweden	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Slovakia	Granted	05818356.7	14-Dec-05	1824892	13-Aug-08	14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	United States of America	Pending	11/792085	14-Dec-05				Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Viet Nam	Pending	1-2007-01420	14-Dec-05			14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Viet Nam	Pending	1-2008-00550	14-Dec-05			14-Dec-25	Polymerisation of vinyl chloride monomer
INEOS VINYL UK LIMITED	Belgium	Granted	00308126.2	18-Sep-00	1110605	26-Nov-08	18-Sep-20	Metallic monolith catalyst support for selective gas phase reactions in tubular fixed bed reactors
INEOS VINYL UK LIMITED	Germany	Granted	00308126.2	18-Sep-00	60040898.1-08	26-Nov-08	18-Sep-20	Metallic monolith catalyst support for selective gas phase reactions in tubular fixed bed reactors
INEOS VINYL UK LIMITED	France	Granted	00308126.2	18-Sep-00	1110605	26-Nov-08	18-Sep-20	Metallic monolith catalyst support for selective gas phase reactions in tubular fixed bed reactors
INEOS VINYL UK LIMITED	United States of America	Published	09/746219	22-Dec-00				Metallic monolith catalyst support for selective gas phase reactions in tubular fixed bed reactors
INEOS VINYL UK LIMITED	China (Peoples Republic)	Granted	03155026.6	31-Jul-03	ZL03155026.6	25-Jul-07	31-Jul-23	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions
INEOS VINYL UK LIMITED	European Patent Convention	Published	02255354.9	31-Jul-02			31-Jul-22	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions

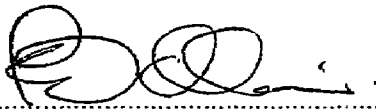
EVC TECHNOLOGY AG	India	Pending	889/DEL/2003	11-Jul-03			11-Jul-23	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions
INEOS VINYL UK LIMITED	Japan	Pending	2003-283606	31-Jul-03			31-Jul-23	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions
INEOS VINYL UK LIMITED	Korea, Republic of	Pending	51377/2003	25-Jul-03			25-Jul-23	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions
INEOS VINYL UK LIMITED	Taiwan	Granted	092120227	24-Jul-03	1283605	11-Jul-07	24-Jul-23	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions
INEOS VINYL UK LIMITED	United States of America	Granted	10/630551	29-Jul-03	7141708	28-Nov-06	29-Jul-23	A hollow pellet suitable as carrier of catalysts for selective exothermic reactions

Executed as a deed by
INEOS VINYLs UK LIMITED
acting by two directors

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) Director

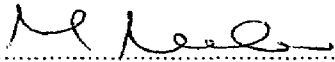
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Executed as a deed by
INEOS TECHNOLOGIES (VINYLs) LIMITED
acting by two directors

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INEOS VINYLs UK LIMITED
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Country	Case No.	Agent	Agents Ref	Status	Appin No.	Filing Date	Patent No.	Grant Date	Expiry Date
US	V133	NIXON	4702-69	Allowed	11/792085	14-Dec-05			
US	V141	NIXON	4702-116	Allowed	09/746219	22-Dec-00			