

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4303166

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
E. I. DU PONT DE NEMOURS AND COMPANY	02/28/2017

RECEIVING PARTY DATA

Name:	QUALICON DIAGNOSTICS LLC
Street Address:	941 AVENIDA ACASO
City:	CAMARILLO
State/Country:	CALIFORNIA
Postal Code:	93012

PROPERTY NUMBERS Total: 40

Property Type	Number
Application Number:	10538590
Application Number:	11135741
Application Number:	08844742
Application Number:	08766439
Application Number:	08929713
Application Number:	09013315
Application Number:	09074499
Application Number:	09488533
Application Number:	10863535
Application Number:	12387759
Application Number:	10111114
Application Number:	09315185
Application Number:	11579483
PCT Number:	US2010042570
Application Number:	14475035
Application Number:	14475052
Application Number:	12839837
Application Number:	13553256
Application Number:	14326020
Application Number:	13630045

PATENT

Property Type	Number
Application Number:	13670883
Application Number:	14769493
Application Number:	14913212
PCT Number:	US2015040753
Application Number:	14680480
PCT Number:	US2012047376
Patent Number:	7553622
Patent Number:	5916429
Patent Number:	8835109
Patent Number:	8697852
Patent Number:	8481267
Patent Number:	8945834
Patent Number:	9029529
Application Number:	12501527
Application Number:	08745228
Application Number:	13102634
Application Number:	13351885
Application Number:	13653817
Application Number:	12052212
Application Number:	11462940

CORRESPONDENCE DATA

Fax Number: (202)787-5520

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NAME OF SUBMITTER:	ILONA WORMACK
SIGNATURE:	/Ilona Wormack/
DATE SIGNED:	03/04/2017

Total Attachments: 15

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PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment") dated as of February 28, 2017 (the "Effective Date"), is entered into by and between E. I. du Pont de Nemours and Company, a Delaware corporation ("Assignor"), and Qualicon Diagnostics LLC, a Delaware limited liability company ("Assignee").

WITNESSETH:

WHEREAS Assignor, Assignee and certain other parties have entered into that Purchase Agreement, dated December 13, 2016, (the "APA"), pursuant to which Assignor has agreed to sell, and Assignee has agreed to purchase, all patents and patent applications included in the Transferred IP including, without limitation, the patents and patent applications identified and set forth on Schedule A attached hereto (collectively, the "Transferred Patents");

WHEREAS, Assignor is the owner of the Transferred Patents; and

WHEREAS, pursuant to the APA, Assignor wishes to assign to Assignee, and Assignee wishes to acquire from Assignor, all of its right, title and interest in and to the Transferred Patents.

NOW, THEREFORE, in consideration of the foregoing and the mutual promises and agreements contained in this Assignment, in the APA and in the Ancillary Agreements, and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Assignment. Pursuant to and subject to the terms and conditions of the APA, Assignor, as of the Effective Date, hereby irrevocably assigns, transfers, sells and conveys to Assignee, and its successors and assigns, and Assignee hereby accepts, all of Assignor's entire right, title, and interest in and to the Transferred Patents, including the inventions claimed therein and any reissues, reexaminations, divisionals, continuations, continuations-in-part, extensions, provisionals, substitutions and counterparts of such Transferred Patents existing as of the Closing Date, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made, together with (A) the right to prosecute, register, maintain and defend the Transferred Patents before any public or private agency, office or registrar; (B) the right, if any, to claim priority based on the filing dates of any of the Transferred Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, and all other treaties of like purposes; (C) the rights to all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Transferred Patents, including the right to sue and recover damages and obtain equitable relief for past, present and future infringement, misappropriation or other violation; (D) all rights to collect income, royalties, damages and other payments now or hereafter due or payable under or on account of any of the Transferred Patents; (E) the right to fully and entirely stand in the place of Assignor in all matters related thereto and

(F) all other rights corresponding thereto throughout the respective countries where Assignor holds rights in the Transferred Patents.

2. Cooperation. Assignor, at its expense, shall take reasonable actions and execute and deliver documents that Assignee may reasonably request to effect the terms of this Assignment and to perfect Assignee's title in and to those Transferred Patents assigned to it hereunder.

3. Recordation. Assignee shall be solely responsible for all actions and all costs whatsoever, including but not limited to taxes, attorneys' fees and patent office fees in any jurisdiction, associated with the perfection of Assignee's right, title and interest in and to the Transferred Patents and recordation and/or registration of this Assignment or any other document evidencing the assignment to Assignee of the Transferred Patents. The Assignor hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign countries or multinational authorities, to record Assignee as the assignee and owner of the Transferred Patents and to deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Assignment, including but not limited to issuing any and all Letters Patents of the United States (or corresponding documents in any applicable foreign countries) on inventions claimed in the Transferred Patents.

4. Governing Law. This Assignment shall be governed by the governing law and venue provisions of Section 9.11 of the APA.

5. General Provisions. All capitalized terms used in this Assignment and not defined herein shall have the meanings set forth in the APA. This Assignment may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Assignment by facsimile or electronic mail shall be as effective as delivery of a manually executed counterpart of this Assignment. This Assignment, along with its Schedule and the APA and its Schedules and Exhibits, constitutes the entire understanding and agreement of the parties hereto with respect to the subject matter hereof and supersedes all prior and contemporaneous agreements or understandings, inducements or conditions, express or implied, written or oral, between and among the parties with respect hereto. This Assignment may not be supplemented, altered or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Assignment shall not waive any of its rights under such terms or provisions. This Assignment is binding upon and inures to the benefit of the parties hereto and their respective successors and assigns. In the event of any conflict between the APA and this Assignment, the provisions of the APA shall control.

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IN WITNESS WHEREOF, Assignor and Assignee have caused this instrument to be executed by their respective duly authorized representatives as of the Effective Date.

ASSIGNOR

By [Signature]
Name: CARMEN J. GIANNANTONIO
Title: DIRECTOR, MERGERS + ACQUISITIONS

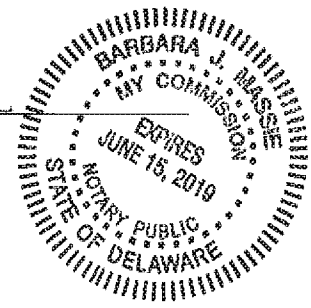
State of DELAWARE)
ss.:
County of NEW CASTLE)

On the 27th day of February in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared, CARMEN J. GIANNANTONIO personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is signed on the preceding instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument, the individual, or the person upon behalf of which this individual acted, executed the instrument.

Barbara J. Massie
Notary Public

My commission expires: 6/19/2019

Dated: 2/27/2017



ASSIGNEE

By



Name: John McAlpine

Title: Chief Financial Officer

Schedule A

LIST OF TRANSFERRED PATENTS

Patents

(A) – Maintained Patents

Case Reference	Country	Current Status	Filing date	Filing Number	Internal Title	Legal Owner
CL2272-US-PCT	United States Of America	Grant	19 Dec 2003	10/538590	SEQUENCES DIAGNOSTIC FOR FOOT AND MOUTH DISEASE	E. I. du Pont de Nemours and Company
CL2622-US-NP	United States Of America	Grant	24 May 2005	11/135741	METHOD FOR THE DETECTION OF DIAGNOSTIC RNA	E. I. du Pont de Nemours and Company
MD1062-EP-EPT	European Procedure (Patents)	Grant	24 Feb 1997	97906742.8	GENETIC MARKERS AND METHODS FOR DETECTION OF ESCHERICHIA COLI SEROTYPE-O157:H7	E. I. du Pont de Nemours and Company
MD1062-FR-EPT	France	Grant	24 Feb 1997	97906742.8	GENETIC MARKERS AND METHODS FOR DETECTION OF ESCHERICHIA COLI SEROTYPE-O157:H7	E. I. du Pont de Nemours and Company
MD1062-GB-EPT	United Kingdom	Grant	24 Feb 1997	97906742.8	GENETIC MARKERS AND METHODS FOR DETECTION OF ESCHERICHIA COLI SEROTYPE-O157:H7	E. I. du Pont de Nemours and Company
MD1063-US-NP	United States Of America	Grant	21 Apr 1997	08/844742	HOLDER FOR FLUOROMETRIC SAMPLES	E. I. du Pont de Nemours and Company
MD1065-DE-EPT	Germany	Grant	03 Nov 1997	97913953.2	GENETIC MARKERS AND METHODS FOR THE DETECTION OF LISTERIA MONOCYTOGENES AND LISTERIA SPP	E. I. du Pont de Nemours and Company
MD1065-EP-EPT	European Procedure (Patents)	Grant	03 Nov 1997	97913953.2	GENETIC MARKERS AND METHODS FOR THE DETECTION OF LISTERIA MONOCYTOGENES AND LISTERIA SPP	E. I. du Pont de Nemours and Company
MD1065-FR-EPT	France	Grant	03 Nov 1997	97913953.2	GENETIC MARKERS AND METHODS FOR THE DETECTION OF LISTERIA MONOCYTOGENES AND LISTERIA SPP	E. I. du Pont de Nemours and Company
MD1065-GB-EPT	United Kingdom	Grant	03 Nov 1997	97913953.2	GENETIC MARKERS AND METHODS FOR THE DETECTION OF LISTERIA MONOCYTOGENES AND LISTERIA SPP	E. I. du Pont de Nemours and Company

Case Reference	Country	Current Status	Filing date	Filing Number	Internal Title	Legal Owner
MD1065-US-CIP	United States Of America	Grant	12 Dec 1996	08/766439	GENETIC MARKERS AND METHODS FOR THE DETECTION OF LISTERIA MONOCYTOGENES AND LISTERIA SPP	E. I. du Pont de Nemours and Company
MD1066-US-CIP	United States Of America	Grant	15 Sep 1997	08/929713	CONTROL FOR PCR / A METHOD OF DETECTING BACTERIA USING PCR	E. I. du Pont de Nemours and Company
MD1071-US-NP	United States Of America	Grant	26 Jan 1998	09/013315	CAP REMOVING TOOL	E. I. du Pont de Nemours and Company
MD1072-US-NP	United States Of America	Grant	08 May 1998	09/074499	CAP REMOVING TOOL	E. I. du Pont de Nemours and Company
MD1073-US-NP	United States Of America	Grant	21 Jan 2000	09/488533	APPARATUS FOR INTEGRATED POLYMERASE CHAIN REACTION AND CAPILLARY ELECTROPHORESIS	E. I. du Pont de Nemours and Company
MD1707-CH-EPT	Switzerland	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-DE-EPT	Germany	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-EP-EPT	European Procedure (Patents)	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-FR-EPT	France	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-GB-EPT	United Kingdom	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-IT-EPT	Italy	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-JP-PCT	Japan	Grant	09 Nov 2000	536560/01	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-NL-EPT	Netherlands	Grant	09 Nov 2000	00979148.4	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company

Case Reference	Country	Current Status	Filing date	Filing Number	Internal Title	Legal Owner
MD1707-US-CNT	United States Of America	Grant	08 Jun 2004	10/863535	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-US-CNT[3]	United States Of America	Grant	06 May 2009	12/387759	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-US-PCT	United States Of America	Grant	19 Apr 2002	10/111114	FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD3109-US-NP	United States Of America	Grant	20 May 1999	09/315185	IMPROVED DISPLACEMENT PUMP / DISPLACEMENT PUMP	E. I. du Pont de Nemours and Company
MD6666-WO-PCT	PCT	Published	24 June 2005	PCT/US2005/022542	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI	E. I. du Pont de Nemours and Company
MD6666-AU-PCT	Australia	Grant	24 Jun 2005	2005267200	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI	E. I. du Pont de Nemours and Company
MD6666-US-PCT	United States Of America	Grant	03 Nov 2006	11/579483	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI	E. I. du Pont de Nemours and Company
MD-6675-WO-PCT	PCT	Published	20 Jul 2010	PCT/US10/42570	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6675-AU-PCT	Australia	Filing	20 Jul 2010	2010276352	SEQUENCES AND THEIR USE FOR THE DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6675-US-DIV	United States Of America	Filing	02 Sep 2014	14/475035	SEQUENCES AND THEIR USE FOR THE DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6675-US-DIV[2]	United States Of America	Filing	02 Sep 2014	14/475052	SEQUENCES AND THEIR USE FOR THE DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company

Case Reference	Country	Current Status	Filing date	Filing Number	Internal Title	Legal Owner
MD6675-US-NP	United States Of America	Grant	20 Jul 2010	12/839837	SEQUENCES AND THEIR USE FOR THE DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6685-US-NP	United States Of America	Grant	19 Jul 2012	13/553256	METHOD TO AMPLIFY NUCLEIC ACIDS TO GENERATE FLUORESCENCE LABELED FRAGMENTS OF CONSERVED AND ARBITRARY PRODUCTS	E. I. du Pont de Nemours and Company
MD6686-AU-PCT	Australia	Filing	28 Sep 2012	2012315852	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF STEC BACTERIA	E. I. du Pont de Nemours and Company
MD6686-EP-EPT	European Procedure (Patents)	Publication of Application	28 Sep 2012	12772181.9	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF STEC BACTERIA	E. I. du Pont de Nemours and Company
MD6686-US-DIV	United States Of America	Recordal	08 Jul 2014	14/326020	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF STEC BACTERIA	E. I. du Pont de Nemours and Company
MD6686-US-NP	United States Of America	Grant	28 Sep 2012	13/630045	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF STEC BACTERIA	E. I. du Pont de Nemours and Company
MD6687-AU-PCT	Australia	Filing	07 Nov 2012	2012335983	SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA	E. I. du Pont de Nemours and Company
MD6687-CN-PCT	China	Notification to Grant Patent Right	07 Nov 2012	201280054931.9	SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA	E. I. du Pont de Nemours and Company
MD6687-EP-EPT	European Procedure (Patents)	Publication of Application	07 Nov 2012	12787320.6	SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA	E. I. du Pont de Nemours and Company
MD6687-JP-PCT	Japan	Publication of Application	07 Nov 2012	541169/14	SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA	E. I. du Pont de Nemours and Company
MD6687-US-NP	United States Of America	Grant	07 Nov 2012	13/670883	SEQUENCES AND THEIR USE FOR DETECTION OF	E. I. du Pont de Nemours and Company

Case Reference	Country	Current Status	Filing date	Filing Number	Internal Title	Legal Owner
					SALMONELLA	
MD6690-EP-EPT	European Procedure (Patents)	Publication of Application	18 Feb 2014	14708400.8	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6690-US-PCT	United States Of America	Publication of Application	21 Aug 2015	14/769493	SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6691-US-PCT	United States Of America	Publication of Application	19 Feb 2016	14/913212	SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA ENTERITIDIS AND/OR SALMONELLA TYPHIMURIUM	E. I. du Pont de Nemours and Company
MD6693-WO-PCT	International Procedure	Publication of Application	16 Jul 2015	PCT/US15/040753	SEQUENCES AND THEIR USE FOR DETECTION OF LISTERIA MONOCYTOGENES	E. I. du Pont de Nemours and Company
MD6694-US-NP	United States Of America	Publication of Application	07 Apr 2015	14/680480	METHOD TO AMPLIFY NUCLEIC ACIDS OF FUNGI TO GENERATE FLUORESCENCE LABELED FRAGMENTS OF CONSERVED AND ARBITRARY PRODUCTS	E. I. du Pont de Nemours
MD6695-JP-NP	Japan	Publication of Application	10 Mar 2014	2014-045902	MEMBRANE FILTRATION METHOD TO CONCENTRATE AND PURIFY NUCLEIC ACIDS	NISSHIN OILIO CO and E. I. du Pont de Nemours and Company
MD6685-WO-PCT	PCT	Published	19 July 2012	PCT/US12/47376	METHOD TO AMPLIFY NUCLEIC ACIDS TO GENERATE FLUORESCENCE LABELED FRAGMENTS OF CONSERVED AND ARBITRARY PRODUCTS	E. I. du Pont de Nemours and Company

Case Reference	Country	Current Status	Filing date	Filing Number	Internal Title	Legal Owner
MD6691-US-PCT	PCT	Published	19 August 2014	PCT/US2014/051575 USSN 14/913212 INCLUDED IN ABOVE LISTING	SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA ENTERITIDIS AND/OR SALMONELLA TYPHIMURIUM	E. I. du Pont de Nemours and Company

(B) – Non-Maintained Patents

Case Reference	Country	Filing Date	Filing Number	Grant	Grant Number	Internal Title	Legal Owner
CL2272-EP-EPT	European Procedure (Patents)	19 Dec 2003	03800441.2	20 Aug 2008	1583556	SEQUENCES DIAGNOSTIC FOR FOOT AND MOUTH DISEASE	E. I. du Pont de Nemours and Company
CL2622-EP-EPT	European Procedure (Patents)	25 May 2005	05856767.8	03 Apr 2013	1751315	METHOD FOR THE DETECTION OF DIAGNOSTIC RNA / METHOD FOR THE DIRECT DETECTION OF DIAGNOSTIC RNA	E. I. du Pont de Nemours and Company
MD1062-CA-PCT	Canada	24 Feb 1997	2246259	30 Dec 2008	2246259	GENETIC MARKERS AND METHODS FOR DETECTION OF ESCHERICHIA COLI SEROTYPE-O157:H7	E. I. du Pont de Nemours and Company
MD1062-JP-PCT	Japan	24 Feb 1997	531040/97	07 Nov 2008	4212648	GENETIC MARKERS AND METHODS FOR DETECTION OF ESCHERICHIA COLI SEROTYPE-O157:H7	E. I. du Pont de Nemours
MD1062-SG-PCT	Singapore	24 Feb 1997	1998051238	21 Dec 1999	56658	GENETIC MARKERS AND METHODS FOR DETECTION OF ESCHERICHIA COLI SEROTYPE-O157:H7	E. I. du Pont de Nemours and Company
MD1086-EP-EPT	European Procedure (Patents)	25 Feb 2003	03742898.4	11 May 2011	1487565	PROCESS FOR PREPARING PROCESSED SAMPLE LIQUID SOLUTION FOR ELECTROPHORESIS	E. I. du Pont de Nemours and Company
MD1086-US-PCT	United States Of America	25 Jun 2004	10/500420	30 Jun 2009	7553622	PROCESS FOR PREPARING PROCESSED SAMPLE LIQUID SOLUTION FOR ELECTROPHORESIS	E. I. du Pont de Nemours and Company

Case Reference	Country	Filing Date	Filing Number	Grant	Grant Number	Internal Title	Legal Owner
						S	
MD3108-US-NP	United States Of America	01 Aug 1997	08/904361	29 Jun 1999	5916429	IMPROVED DIRECT BLOT ELECTROPHORESIS APPARATUS AND METHOD / DIRECT BLOT ELECTROPHORESIS APPARATUS AND METHOD	E. I. du Pont de Nemours
MD6666-CA-PCT	Canada	24 Jun 2005	2566336	13 May 2014	2566336	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI	E. I. du Pont de Nemours and Company
MD6666-CN-PCT	China	24 Jun 2005	2005800211942	24 Jul 2013	200580021194.2 (1973052)	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI	E. I. du Pont de Nemours
MD6666-EP-EPT	European Procedure (Patents)	24 Jun 2005	05766629.9	25 Jan 2012	1759017	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI / DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI STRAINS	E. I. du Pont de Nemours and Company
MD6666-JP-PCT	Japan	24 Jun 2005	518325/07	15 Jul 2011	4782784	DNA SEQUENCES FOR THE DETECTION OF AND DIFFERENTIATION AMONGST PATHOGENIC E.COLI	E. I. du Pont de Nemours
MD6675-MX-PCT	Mexico	20 Jul 2010	MX/A/2012/000969	06 Jul 2015	331328	SEQUENCES AND THEIR USE FOR THE DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company

Case Reference	Country	Filing Date	Filing Number	Grant	Grant Number	Internal Title	Legal Owner
MD6676-JP-PCT	Japan	12 Nov 2008	534137/10	05 Dec 2014	5659018	METHOD FOR DETECTION AND/OR ANALYSIS OF YEAST AND MOLD IN FILTERABLE LIQUIDS	E. I. du Pont de Nemours
MD6676-MX-PCT	Mexico	12 Nov 2008	MX/A/2010/005111	04 Mar 2015	328251	METHOD FOR DETECTION AND/OR ANALYSIS OF YEAST AND MOLD IN FILTERABLE LIQUIDS	E. I. du Pont de Nemours and Company
MD6676-US-PCT	United States Of America	9 Jun 2010	12/742516	16 Sep 2014	8835109	METHOD FOR DETECTION AND/OR ANALYSIS OF YEAST AND MOLD IN FILTERABLE LIQUIDS	E. I. du Pont de Nemours and Company
MD6677-MX-PCT	Mexico	19 Aug 2010	MX/A/2012/002101	16 Jul 2014	322020	GENETIC FINGERPRINTING AND IDENTIFICATION METHOD	E. I. du Pont de Nemours and Company
MD6677-US-DIV	United States Of America	11 Jun 2013	13/914987	15 Apr 2014	8697852	GENETIC FINGERPRINTING AND IDENTIFICATION METHOD	E. I. du Pont de Nemours and Company
MD6677-US-NP	United States Of America	18 Aug 2010	12/858508	09 Jul 2013	8481267	GENETIC FINGERPRINTING AND IDENTIFICATION METHOD	E. I. du Pont de Nemours and Company
MD6681-US-NP	United States Of America	14 Mar 2012	13/420150	03 Feb 2015	8945834	METHODS FOR IMPROVED DNA RELEASE FROM BINDING SUBSTRATES AND METHODS FOR DECREASING PCR INHIBITION IN A PATHOGEN DETECTION PROCESS / METHODS FOR IMPROVED DNA RELEASE FROM BINDING SUBSTRATES AND/OR DECREASING PCR INHIBITION IN PATHOGEN DETECTION	E. I. du Pont de Nemours and Company

Case Reference	Country	Filing Date	Filing Number	Grant	Grant Number	Internal Title	Legal Owner
MD6682-US-NP	United States Of America	14 Mar 2012	13/420158	12 May 2015	9029529	METHODS FOR IMPROVED DNA RELEASE FROM BINDING SUBSTRATES AND METHODS FOR DECREASING PCR INHIBITION IN A PATHOGEN DETECTION PROCESS / METHODS FOR IMPROVED DNA RELEASE FROM BINDING SUBSTRATES AND/OR DECREASING PCR INHIBITION IN PATHOGEN DETECTION	E. I. du Pont de Nemours and Company
CL2262-UISDIV1	United States of America	13 Jul 2009	12/501,527			METHOD FOR THE DETECTION OF DIAGNOSTIC RNA	E. I. du Pont de Nemours and Company
MD1065 US-NP	United States of America	8 Nov 1996	08/745,228			GENETIC MARKERS AND METHODS FOR THE DETECTION OF LISTERIA MONOCYTOGENES AND LISTERIA SPP	E. I. du Pont de Nemours and Company
MD1707 US-CNT(4)	United States of America	6 May 2011	13/102,634			FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-US-CNT(5)	United States of America	17 Jan 2012	13/351,885			FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-US-CNT(6)	United States of America	17 Oct 2012	13/653,817			FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-US-CNT(2)	United States of America	20 Mar 2008	12/052,212			FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company
MD1707-US-CNT(1)	United States of America	7 Aug 2006	11/462,940			FLUOROMETER WITH LOW HEAT-GENERATING LIGHT SOURCE	E. I. du Pont de Nemours and Company

Case Reference	Country	Filing Date	Filing Number	Grant	Grant Number	Internal Title	Legal Owner
MD6675-CA-PCT	Canada	20 Jul 2010	2768794			SEQUENCES AND THEIR USE FOR DETECTION AND CHARACTERIZATION OF E. COLI O157:H7	E. I. du Pont de Nemours and Company
MD6685-AU-PCT	Australia	19 July 2012	2012287207			METHOD TO AMPLIFY NUCLEIC ACIDS TO GENERATE FLUORESCENCE LABELED FRAGMENTS OF CONSERVED AND ARBITRARY PRODUCTS	E. I. du Pont de Nemours and Company
MD6685-EP-PCT	European Procedure (Patents)	19 July 2012	2012740838			METHOD TO AMPLIFY NUCLEIC ACIDS TO GENERATE FLUORESCENCE LABELED FRAGMENTS OF CONSERVED AND ARBITRARY PRODUCTS	E. I. du Pont de Nemours and Company
MD6691-AU-PCT	Australia	19 August 2014	2014309047			SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA ENTERITIDIS AND/OR SALMONELLA TYPHIMURIUM	E. I. du Pont de Nemours and Company
MD6691-CA-PCT	Canada	19 August 2014	2920636			SEQUENCES AND THEIR USE FOR DETECTION OF SALMONELLA ENTERITIDIS AND/OR SALMONELLA TYPHIMURIUM	E. I. du Pont de Nemours and Company

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