

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7517218

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	PATENT ASSIGNMENT AGREEMENT	
CONVEYING PARTY DATA		
Name		Execution Date
3M INNOVATIVE PROPERTIES COMPANY		08/31/2022
RECEIVING PARTY DATA		
Name:	GARDEN US HOLDCO CORPORATION	
Street Address:	620 LESHER PLACE	
City:	LANSING	
State/Country:	MICHIGAN	
Postal Code:	48912	
PROPERTY NUMBERS Total: 240		
Property Type	Number	
Application Number:	60369627	
Patent Number:	6916116	
PCT Number:	US0310128	
Patent Number:	7087401	
Patent Number:	7298885	
PCT Number:	US0337386	
Patent Number:	8094916	
PCT Number:	US0337385	
Patent Number:	7298886	
Patent Number:	8260026	
PCT Number:	US0428130	
Patent Number:	7496225	
PCT Number:	US0428521	
Application Number:	60660594	
Patent Number:	9826770	
Application Number:	60989356	
Patent Number:	10018534	
PCT Number:	US2008084109	
Patent Number:	10196671	
Patent Number:	7374951	

PATENT

Property Type	Number
Application Number:	60948687
Patent Number:	9834748
Patent Number:	10190089
Application Number:	61016265
Patent Number:	9096883
Patent Number:	9353397
Application Number:	61039453
Patent Number:	8588505
PCT Number:	US2009037359
Application Number:	61033620
Patent Number:	8417013
Application Number:	61028896
Patent Number:	8497353
Patent Number:	8936916
Patent Number:	10845369
PCT Number:	US2009043748
Application Number:	61141900
Patent Number:	9328325
Patent Number:	10208330
Application Number:	61139158
Patent Number:	9388448
PCT Number:	US2009066218
Application Number:	61267671
Patent Number:	8840840
Application Number:	61155666
Patent Number:	8889351
Patent Number:	10280446
Application Number:	61187107
Patent Number:	9873904
PCT Number:	US2010038569
Application Number:	61291245
Patent Number:	8753834
Application Number:	61360166
Patent Number:	9127300
Application Number:	61291144
Patent Number:	8951748
Application Number:	61360489
Application Number:	61352205

Property Type	Number
Patent Number:	9410210
Patent Number:	10131930
Application Number:	61428029
Patent Number:	8906645
Application Number:	61428856
Patent Number:	9243279
Patent Number:	10378041
Application Number:	61469355
Patent Number:	9434975
Patent Number:	9896711
Application Number:	61416858
Patent Number:	9435739
Application Number:	61428722
Patent Number:	9273340
Patent Number:	9719124
Patent Number:	10023898
Patent Number:	10619181
Application Number:	61478251
Patent Number:	8852894
Patent Number:	9845498
Application Number:	61451096
Patent Number:	9255864
Application Number:	61488492
Patent Number:	9593361
Patent Number:	10526635
Application Number:	61514298
Patent Number:	9079757
Application Number:	61514314
Patent Number:	9038503
Application Number:	61580860
Patent Number:	9677111
Patent Number:	10519481
Application Number:	61580849
Patent Number:	9920350
Application Number:	61655619
Patent Number:	9700887
Application Number:	61655613
Patent Number:	9428787

Property Type	Number
Application Number:	61659489
Patent Number:	9376703
Application Number:	61668520
Patent Number:	10793890
Application Number:	16273355
Application Number:	61675624
Patent Number:	9765293
Patent Number:	10876091
Application Number:	17102705
Application Number:	61668526
Patent Number:	10240181
Patent Number:	11085063
Application Number:	61680449
Application Number:	61773852
PCT Number:	US2013051446
Application Number:	61760412
Patent Number:	8921067
Patent Number:	9879214
Patent Number:	10640743
PCT Number:	US2014014523
Application Number:	61739786
Patent Number:	9677108
Patent Number:	9809836
Application Number:	61739789
Patent Number:	9684816
Patent Number:	10614286
Application Number:	61786957
Patent Number:	9677981
Application Number:	61895170
Application Number:	16288712
PCT Number:	US2014061351
Application Number:	61819690
Patent Number:	11066634
Application Number:	17304185
PCT Number:	US2014036730
Application Number:	61915124
Patent Number:	10099217
Patent Number:	10363557

Property Type	Number
Application Number:	62039638
Application Number:	17011259
PCT Number:	US2015045786
Application Number:	61949631
Application Number:	17117348
PCT Number:	US2015018844
Application Number:	61994153
Application Number:	15308622
Application Number:	62060621
Application Number:	15514534
Application Number:	15300731
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Application Number:	62096217
Application Number:	62136682
Patent Number:	10604787
Application Number:	62060618
Patent Number:	10281466
Application Number:	62084070
Patent Number:	10344253
Application Number:	62159733
Application Number:	62189991
Patent Number:	10619189
Patent Number:	D758224
Application Number:	62144761
PCT Number:	US2016026104
Application Number:	62132794
Patent Number:	10488249
Patent Number:	11022483
Application Number:	62132790
Patent Number:	10613038
Patent Number:	11022564
Application Number:	62132774
Patent Number:	10422753
Patent Number:	D759520
Application Number:	62154312
Patent Number:	10995356
Application Number:	62154299

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Application Number:	62154303
Patent Number:	10723992
Application Number:	62213885
PCT Number:	US2016049182
Application Number:	62263932
Patent Number:	10662460
Application Number:	62263921
Patent Number:	11078035
Application Number:	62319876
Patent Number:	11168352
Patent Number:	D812474
Patent Number:	D838166
Patent Number:	D876237
Application Number:	62439671
Patent Number:	11408023
Application Number:	62439676
Application Number:	16461392
Application Number:	62480630
Application Number:	62480633
Application Number:	16492687
Patent Number:	11319573
Application Number:	62687449
Application Number:	17252401
Application Number:	62597961
Application Number:	16771866
Application Number:	62691754
Application Number:	62695292
Application Number:	17258204
Application Number:	62697514
Application Number:	17258576
Application Number:	62697521
Patent Number:	11320424
Application Number:	62850198
Application Number:	17612037
Application Number:	62866380
Application Number:	17610670
Application Number:	62906135
Application Number:	17762945

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Application Number:	62792361
Application Number:	62792670
Application Number:	62847456
Application Number:	17422553
Application Number:	62809199
Application Number:	62850136
Application Number:	17431196
Application Number:	62958793
Application Number:	17790527
Application Number:	62889702
Application Number:	17634476
Application Number:	62867413
Application Number:	17617073
Patent Number:	D934447
Patent Number:	D921221
Application Number:	62976701
Application Number:	63048717
Application Number:	17758719
Application Number:	62977586
Application Number:	17760308
Application Number:	62705275
Application Number:	63185645
Application Number:	63000319
Application Number:	29729457
Application Number:	63026372
Application Number:	29735986
Application Number:	63163082
Application Number:	63239436
Application Number:	63348495
Application Number:	63367956

CORRESPONDENCE DATA

Fax Number: (212)310-8007

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: 2123108000

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Correspondent Name: MARYANN THOMPSON

Address Line 1: WEIL, GOTSHAL & MANGES LLP

Address Line 2: 767 FIFTH AVENUE

Address Line 4: NEW YORK, NEW YORK 10153

NAME OF SUBMITTER: MARYANN THOMPSON

SIGNATURE: /Maryann Thompson/

DATE SIGNED: 09/01/2022

Total Attachments: 72

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PATENT ASSIGNMENT AGREEMENT

BY AND AMONG

3M INNOVATIVE PROPERTIES COMPANY

AND

GARDEN US HOLDCO CORPORATION

DATED AS OF AUGUST 31, 2022

PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (this “Agreement”), dated as of August 31, 2022, is entered into by and between 3M Innovative Properties Company (“Assignor”), a Delaware corporation, and Garden US HoldCo Corporation, a Delaware corporation (“HoldCo” or “Assignee” and, together with Assignor, the “Parties” and each individually, a “Party”).

RECITALS

WHEREAS, pursuant to that certain Separation and Distribution Agreement (the “SDA”), dated as of December 13, 2021, by and among 3M Company (“Company”), Assignee and Neogen Corporation (“Parent”), the parties have agreed that the Company will separate the SpinCo Business (as defined in the SDA) from the Company Business (as defined in the SDA) and to cause the SpinCo Assets (as defined in the SDA) to be transferred to Parent and its Subsidiaries upon the terms and subject to the conditions contained in the SDA; and

WHEREAS, in connection with the transactions contemplated by the SDA, Assignee has agreed to purchase and accept, and Assignor has agreed to sell, transfer, convey and assign to Assignee all of Assignor’s right, title and interest in and to the Patents identified in Appendix A hereto, together with any existing or currently filed reissuances, divisionals, continuations, continuations-in-part, revisions, renewals, extensions, and re-examinations thereof (collectively, the “Transferred Patents”).

NOW, THEREFORE, in consideration of the mutual agreements, covenants and other premises set forth herein and in the SDA and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, agree as follows:

1. Assignment. Assignor hereby irrevocably sells, transfers, conveys and assigns unto Assignee all of Assignor’s entire worldwide right, title and interest in, to and under the Transferred Patents, including, without limiting the generality of the foregoing, all rights in and to all income, royalties, damages and payments and to sue and recover damages with respect thereto, all causes of action (whether in law or in equity) with respect thereto, the right to sue, counterclaim and recover or obtain equitable relief for past, present and future infringement, misappropriation or other violation thereof and to fully and entirely stand in the place of such Assignor in all matters related to the Transferred Patents, all said rights to be held and enjoyed by Assignee for its own use and enjoyment and for the use and enjoyment of its successors and assigns to the full end of the term for the Transferred Patents as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

2. No Warranties. EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE SDA OR ANY OTHER TRANSACTION DOCUMENT, NO EXPRESS OR IMPLIED WARRANTIES ARE GIVEN BY ASSIGNOR WITH RESPECT TO ANY TRANSFERRED PATENTS REGARDING THE VALIDITY, REGISTRABILITY, TITLE,

SCOPE, ENFORCEABILITY OR NON-INFRINGEMENT OF ANY PATENTS SUBJECT TO THIS AGREEMENT.

3. Further Assurances. Assignor shall execute and deliver all documents, instruments, conveyances, assurances, forms, and authorizations, and take such other actions as may be reasonably required to carry out the provisions hereof and give effect to the transactions contemplated by this Agreement, including any actions reasonably required and necessary to assist Assignee in its filing and recordation of this Agreement, or the equivalent of this Agreement to the extent required with the United States Patent and Trademark Office or any relevant offices in non-U.S. jurisdictions as necessary to record Assignee as the assignee and owner of the Transferred Patents. Assignee shall be responsible for and, pursuant to Section 2.12 of the SDA, shall bear any and all costs and expenses incurred in, assigning, transferring and recording the transfer of the Transferred Patents hereunder, including the filing and recordation of assignment and other instruments.

4. Due Authorization. Assignor hereby authorizes and requests the Commissioner for Patents of the United States and any other official of any applicable governmental authority to record Assignee as the assignee and owner of the Transferred Patents, and to issue any and all registrations from any and all applications for registration included in the Transferred Patents in and to the name of Assignee.

5. General Provisions. Capitalized terms used but not otherwise defined herein shall have the meanings ascribed thereto in the SDA. This Agreement, Appendix A hereto, the SDA, and, to the extent applicable, the Intellectual Property License Agreement constitute the sole and entire agreement of the Parties with respect to the subject matter contained herein and therein, and supersede all other prior representations, warranties, understandings and agreements, both written and oral, with respect to such subject matter. Notwithstanding any other provision of this Agreement to the contrary, in the event and to the extent that there shall be a conflict between the provisions of this Agreement and the provisions of the SDA, the provisions of the SDA shall control (unless this Agreement expressly provides otherwise). This Agreement shall not be amended, modified or supplemented except by an instrument in writing specifically designated as an amendment hereto and executed by each of the Parties. Neither any course of conduct or failure or delay of any Party in exercising or enforcing any right, remedy or power hereunder shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy or power hereunder, or any abandonment or discontinuance of steps to enforce such right, remedy or power, or any course of conduct, preclude any other or further exercise thereof or the exercise of any other right, remedy or power. This Agreement shall be binding upon and inure solely to the benefit of each Party and its successors and permitted assigns.

6. Governing Law; Jurisdiction and Venue. This Agreement and all matters arising out of or relating to this Agreement or any of the transactions contemplated hereby, including all rights of the Parties (whether sounding in contract, tort, common or statutory law, equity or otherwise), shall be interpreted, construed and governed by and in accordance with the internal Laws of the State of Delaware without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction) that would cause the application of the Law of any jurisdiction other than those of the State of Delaware. Each of the Parties consents to submit itself to the exclusive jurisdiction of the courts of the State of Delaware and the federal courts of the United States of America located in Wilmington,

Delaware in any Legal Proceeding arising out of or relating to this Agreement or any of the transactions contemplated by this Agreement.

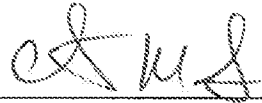
7. **Counterparts**. This Agreement may be executed in facsimile and in any number of counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to be one and the same instrument.

[Signature Pages Follow]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the date first written above by their respective officers thereunto duly authorized.

ASSIGNOR

3M INNOVATIVE PROPERTIES COMPANY

By: 

Name: C. Michael Geise
Title: Secretary

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the date first written above by their respective officers thereunto duly authorized.

ASSIGNEE

GARDEN US HOLDCO CORPORATION

By: Jerry Wilp

Name:

Title:

[Signature Page to Patent Assignment Agreement]

PATENT
REEL: 061365 FRAME: 0702

APPENDIX A

TRANSFERRED PATENTS

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
57448US002	Timer or Time-Temperature Indicating Articles	US	Expired	60/369627	03 Apr 2002			3M Innovative Properties Company
57448US004	Timer or Time-Temperature Indicating Articles	US	Grant	10/405446	02 Apr 2003	6916116	12 Jul 2005	3M Innovative Properties Company
57448WO003	Timer or Time-Temperature Indicating Articles	WO	National	US03/10128	02 Apr 2003			3M Innovative Properties Company
57882US002	Culture Medium and Method for Detecting Thermomuclease-positive Staphylococci	US	Grant	10/177420	20 Jun 2002	7087401	08 Aug 2006	3M Innovative Properties Company
58025MX011	Biological Growth Plate Scanner with Automated Image Processing Profile Selection	MX	Grant	2005/005378	21 Nov 2003	257681	05 Jun 2008	3M Innovative Properties Company
58025US002	Biological Growth Plate Scanner with Automated Image Processing Profile Selection	US	Grant	10/306579	27 Nov 2002	7298885	20 Nov 2007	3M Innovative Properties Company
58025WO003	Biological Growth Plate Scanner with Automated Image Processing Profile Selection	WO	National	US03/37386	21 Nov 2003			3M Innovative Properties Company
58139US013	Biological Growth Plate Scanner	US	Grant	13/004925	12 Jan 2011	8094916	10 Jan 2012	3M Innovative Properties Company
58139WO003	Biological Growth Plate Scanner	WO	National	US03/37385	21 Nov 2003			3M Innovative Properties Company
58974US002	Counting Biological Agents on Biological Growth Plates	US	Grant	10/656089	05 Sep 2003	7298886	20 Nov 2007	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
58974US019	Counting Biological Agents on Biological Growth Plates	US	Grant	13/100321	04 May 2011	8260026	04 Sep 2012	3M Innovative Properties Company
58974WO003	Counting Biological Agents on Biological Growth Plates	WO	National	US04/28130	30 Aug 2004			3M Innovative Properties Company
58975US002	Biological Growth Plate Scanner with Automated Intake	US	Grant	10/655328	04 Sep 2003	7496225	24 Feb 2009	3M Innovative Properties Company
58975WO003	Biological Growth Plate Scanner with Automated Intake	WO	National	US04/28521	02 Sep 2004			3M Innovative Properties Company
60657US002	Antimicrobial Compositions and Methods	US	Expired	60/660594	10 Mar 2005			3M Innovative Properties Company
60657US005	Antimicrobial Compositions Comprising Esters of Hydroxycarboxylic Acids	US	Grant	11/908244	10 Mar 2006	9826770	28 Nov 2017	3M Innovative Properties Company
60657WO003	Antimicrobial Compositions and Methods	WO	National	US2006/009008	10 Mar 2006			3M Innovative Properties Company
62749JP013	Environmental Sampling Articles and Methods	JP	Grant	2010-535050	20 Nov 2008	5739666	01 May 2015	3M Innovative Properties Company
62749US002	Environmental Sampling Articles and Methods	US	Expired	60/989356	20 Nov 2007			3M Innovative Properties Company
62749US017	Environmental Sampling Articles and Methods	US	Grant	14/476158	03 Sep 2014	10018534	10 Jul 2018	3M Innovative Properties Company
62749WO003	Environmental Sampling Articles and Methods	WO	National	US2008/084109	20 Nov 2008			3M Innovative Properties Company
63130US007	ASSAY METHOD FOR THE DETECTION OF VIABLE MICROBIAL CELLS IN A SAMPLE	US	Grant	13/737119	09 Jan 2013	10196671	05 Feb 2019	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
63130WO004	ASSAY METHOD FOR THE DETECTION OF VIABLE MICROBIAL CELLS IN A SAMPLE	WO	National	GB2007/002923	01 Aug 2007			3M Innovative Properties Company
63145US009	SYSTEM AND APPARATUS FOR USE IN DETECTING MICROORGANISMS	US	Grant	10/492188	07 Oct 2002	7374951	20 May 2008	3M Innovative Properties Company
63145WO004	SYSTEM AND APPARATUS FOR USE IN DETECTING MICROORGANISMS	WO	National	AU02/01362	07 Oct 2002			TECRA International Pty Ltd. *
63149EM002	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0001	17 Apr 2003	000022140-0001	14 Oct 2003	3M Innovative Properties Company
63149EM004	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0002	17 Apr 2003	000022140-0002	14 Oct 2003	3M Innovative Properties Company
63149EM005	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0003	17 Apr 2003	000022140-0003	14 Oct 2003	3M Innovative Properties Company
63149EM006	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0004	17 Apr 2003	000022140-0004	14 Oct 2003	3M Innovative Properties Company
63149EM007	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0005	17 Apr 2003	000022140-0005	14 Oct 2003	3M Innovative Properties Company
63149EM008	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0006	17 Apr 2003	000022140-0006	14 Oct 2003	3M Innovative Properties Company
63149EM009	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0007	17 Apr 2003	000022140-0007	14 Oct 2003	3M Innovative Properties Company
63149EM010	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0008	17 Apr 2003	000022140-0008	14 Oct 2003	3M Innovative Properties Company
63149EM011	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0009	17 Apr 2003	000022140-0009	14 Oct 2003	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
63149EM012	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0010	17 Apr 2003	000022140-0010	14 Oct 2003	3M Innovative Properties Company
63149EM013	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0011	17 Apr 2003	000022140-0011	14 Oct 2003	3M Innovative Properties Company
63149EM014	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0012	17 Apr 2003	000022140-0012	14 Oct 2003	3M Innovative Properties Company
63149EM015	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0013	17 Apr 2003	000022140-0013	14 Oct 2003	3M Innovative Properties Company
63149EM016	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0014	17 Apr 2003	000022140-0014	14 Oct 2003	3M Innovative Properties Company
63149EM017	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0015	17 Apr 2003	000022140-0015	14 Oct 2003	3M Innovative Properties Company
63149EM018	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0016	17 Apr 2003	000022140-0016	14 Oct 2003	3M Innovative Properties Company
63149EM019	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0017	17 Apr 2003	000022140-0017	14 Oct 2003	3M Innovative Properties Company
63149EM020	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0018	17 Apr 2003	000022140-0018	14 Oct 2003	3M Innovative Properties Company
63149EM021	HYGIENE TESTING ASSEMBLY	EM	Grant	000022140-0019	17 Apr 2003	000022140-0019	14 Oct 2003	3M Innovative Properties Company
63149GB003	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0001	17 Apr 2003	9000022140-0001	14 Oct 2003	3M Innovative Properties Company
63149GB022	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0002	17 Apr 2003	9000022140-0002	14 Oct 2003	3M Innovative Properties Company

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63149GB023	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0003	17 Apr 2003	9000022140-0003	14 Oct 2003	3M Innovative Properties Company
63149GB024	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0004	17 Apr 2003	9000022140-0004	14 Oct 2003	3M Innovative Properties Company
63149GB025	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0005	17 Apr 2003	9000022140-0005	14 Oct 2003	3M Innovative Properties Company
63149GB026	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0006	17 Apr 2003	9000022140-0006	14 Oct 2003	3M Innovative Properties Company
63149GB027	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0007	17 Apr 2003	9000022140-0007	14 Oct 2003	3M Innovative Properties Company
63149GB028	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0008	17 Apr 2003	9000022140-0008	14 Oct 2003	3M Innovative Properties Company
63149GB029	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0009	17 Apr 2003	9000022140-0009	14 Oct 2003	3M Innovative Properties Company
63149GB030	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0010	17 Apr 2003	9000022140-0010	14 Oct 2003	3M Innovative Properties Company
63149GB031	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0011	17 Apr 2003	9000022140-0011	14 Oct 2003	3M Innovative Properties Company
63149GB032	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0012	17 Apr 2003	9000022140-0012	14 Oct 2003	3M Innovative Properties Company
63149GB033	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0013	17 Apr 2003	9000022140-0013	14 Oct 2003	3M Innovative Properties Company
63149GB034	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0014	17 Apr 2003	9000022140-0014	14 Oct 2003	3M Innovative Properties Company

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63149GB035	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0015	17 Apr 2003	9000022140-0015	14 Oct 2003	3M Innovative Properties Company
63149GB036	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0016	17 Apr 2003	9000022140-0016	14 Oct 2003	3M Innovative Properties Company
63149GB037	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0017	17 Apr 2003	9000022140-0017	14 Oct 2003	3M Innovative Properties Company
63149GB038	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0018	17 Apr 2003	9000022140-0018	14 Oct 2003	3M Innovative Properties Company
63149GB039	HYGIENE TESTING ASSEMBLY	GB	Grant	9000022140-0019	17 Apr 2003	9000022140-0019	14 Oct 2003	3M Innovative Properties Company
63401DE004	Modular System and Method for Detecting Microorganisms	DE	Grant	08826105.2	09 Jul 2008	602008058866.1	23 Jan 2019	3M Innovative Properties Company
63401EP004	Modular System and Method for Detecting Microorganisms	EP	Grant	08826105.2	09 Jul 2008	2173852	23 Jan 2019	3M Innovative Properties Company
63401US002	Modular System and Method for Detecting Microorganisms	US	Expired	60/948687	09 Jul 2007			3M Innovative Properties Company
63401US005	Modular System and Method for Detecting Microorganisms	US	Grant	12/668092	09 Jul 2008	9834748	05 Dec 2017	3M Innovative Properties Company
63401US021	Modular System and Method for Detecting Microorganisms	US	Grant	15/827574	30 Nov 2017	10190089	29 Jan 2019	3M Innovative Properties Company
63401WO003	Modular System and Method for Detecting Microorganisms	WO	National	US2008/069485	09 Jul 2008			3M Innovative Properties Company
63734US002	Microbiological Systems and Methods of Fluid Sample Analysis	US	Expired	61/016265	21 Dec 2007			3M Innovative Properties Company

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63734US005	Microbiological Systems and Methods of Fluid Sample Analysis	US	Grant	12/808317	18 Dec 2008	9096883	04 Aug 2015	3M Innovative Properties Company
63734US010	Microbiological Systems and Methods of Fluid Sample Analysis	US	Grant	14/811123	28 Jul 2015	9353397	31 May 2016	3M Innovative Properties Company
63734WO003	Microbiological Systems and Methods of Fluid Sample Analysis	WO	National	US2008/087399	18 Dec 2008			3M Innovative Properties Company
63893US002	Spectral Analysis of Biological Growth Media	US	Expired	61/039453	26 Mar 2008			3M Innovative Properties Company
63893US014	Spectral Analysis of Biological Growth Media	US	Grant	13/783511	04 Mar 2013	8588505	19 Nov 2013	3M Innovative Properties Company
63893WO003	Spectral Analysis of Biological Growth Media	WO	National	US2009/037359	17 Mar 2009			3M Innovative Properties Company
63918US002	Information Management in Automated Processing of Biological Growth Media	US	Expired	61/033620	04 Mar 2008			3M Innovative Properties Company
63918US005	Information Management in Automated Processing of Biological Growth Media	US	Grant	12/920185	27 Feb 2009	8417013	09 Apr 2013	3M Innovative Properties Company
63918WO003	Information Management in Automated Processing of Biological Growth Media	WO	National	US2009/035445	27 Feb 2009			3M Innovative Properties Company
63973US002	Polypeptides for Microbial Detection	US	Expired	61/028896	14 Feb 2008			3M Innovative Properties Company
63973US005	Polypeptides for Microbial Detection	US	Grant	12/867078	12 Feb 2009	8497353	30 Jul 2013	3M Innovative Properties Company
63973US009	Polypeptides for Microbial Detection	US	Grant	13/932507	01 Jul 2013	8936916	20 Jan 2015	3M Innovative Properties Company

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63973WO003	Polypeptides for Microbial Detection	WO	National	US2009/033903	12 Feb 2009			3M Innovative Properties Company
64191CN007	Sampling Devices and Methods of Use	CN	Grant	200980126342.5	13 May 2009	200980126342.5	06 Nov 2013	3M Innovative Properties Company
64191DE004	Sampling Devices and Methods of Use	DE	Grant	09747440.7	13 May 2009	602009017056.2	10 Jul 2013	3M Innovative Properties Company
64191EP004	Sampling Devices and Methods of Use	EP	Grant	09747440.7	13 May 2009	2276828	10 Jul 2013	3M Innovative Properties Company
64191FR004	Sampling Devices and Methods of Use	FR	Grant	09747440.7	13 May 2009	2276828	10 Jul 2013	3M Innovative Properties Company
64191JP009	Sampling Devices and Methods of Use	JP	Grant	2011-509639	13 May 2009	5525516	18 Apr 2014	3M Innovative Properties Company
64191US012	Sampling Devices and Methods of Use	US	Grant	15/057200	01 Mar 2016	10845369	24 Nov 2020	3M Innovative Properties Company
64191WO003	Sampling Devices and Methods of Use	WO	National	US2009/043748	13 May 2009			3M Innovative Properties Company
64694US002	Sampling Devices and Methods for Concentrating Microorganisms	US	Expired	61/141900	31 Dec 2008			3M Innovative Properties Company
64694US005	Sampling Devices and Methods for Concentrating Microorganisms	US	Grant	13/142288	30 Dec 2009	9328325	03 May 2016	3M Innovative Properties Company
64694US012	Sampling Devices and Methods for Concentrating Microorganisms	US	Grant	15/633983	27 Jun 2017	10208330	19 Feb 2019	3M Innovative Properties Company
64694WO003	Sampling Devices and Methods for Concentrating Microorganisms	WO	National	US2009/069780	30 Dec 2009			3M Innovative Properties Company

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64874US002	System and Method for Processing Samples	US	Expired	61/139158	19 Dec 2008			3M Innovative Properties Company
64874US010	System and Method for Processing Samples	US	Grant	14/173157	05 Feb 2014	9388448	12 Jul 2016	3M Innovative Properties Company
64874WO003	System and Method for Processing Samples	WO	National	US2009/066218	01 Dec 2009			3M Innovative Properties Company
64986DE004	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	DE	Grant	10787653.4	02 Dec 2010	602008063679.8	20 Jan 2021	3M Innovative Properties Company
64986EP004	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	EP	Grant	10787653.4	02 Dec 2010	2510334	20 Jan 2021	3M Innovative Properties Company
64986JP011	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	JP	Grant	2012-543156	02 Dec 2010	5728021	10 Apr 2015	3M Innovative Properties Company
64986JP014	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	JP	Grant	2015-003349	09 Jan 2015	5992061	26 Aug 2016	3M Innovative Properties Company
64986KR013	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	KR	Grant	10-2012-7017413	02 Dec 2010	10-1732210	25 Apr 2017	3M Innovative Properties Company
64986US002	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	US	Expired	61/267671	08 Dec 2009			3M Innovative Properties Company
64986US005	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	US	Grant	13/513900	02 Dec 2010	8840840	23 Sep 2014	3M Innovative Properties Company
64986WO003	Illumination Apparatus and Methods for a Biological Growth Plate Scanner	WO	National	US2010/058646	02 Dec 2010			3M Innovative Properties Company
64997US002	Methods and Articles for Detecting Deoxyribonuclease Activity	US	Expired	61/155666	26 Feb 2009			3M Innovative Properties Company

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64997US010	Methods and Articles for Detecting Deoxyribonuclease Activity	US	Grant	13/203015	22 Feb 2010	8889351	18 Nov 2014	3M Innovative Properties Company
64997US012	Methods and Articles for Detecting Deoxyribonuclease Activity	US	Grant	15/651164	17 Jul 2017	10280446	07 May 2019	3M Innovative Properties Company
64997WO003	Methods and Articles for Detecting Deoxyribonuclease Activity	WO	National	US2010/024932	22 Feb 2010			3M Innovative Properties Company
65250CN006	Detection of Acid-producing Bacteria	CN	Grant	201080035115.4	15 Jun 2010	201080035115.4	01 Jul 2015	3M Innovative Properties Company
65250EP004	Detection of Acid-Producing Bacteria	EP	Grant	10790013.6	15 Jun 2010	2443249	19 Nov 2014	3M Innovative Properties Company
65250FR004	Detection of Acid-Producing Bacteria	FR	Grant	10790013.6	15 Jun 2010	2443249	19 Nov 2014	3M Innovative Properties Company
65250US002	Detection of Lactic Acid Bacteria	US	Expired	61/187107	15 Jun 2009			3M Innovative Properties Company
65250US011	Detection of Acid-producing Bacteria	US	Grant	14/493991	23 Sep 2014	9873904	23 Jan 2018	3M Innovative Properties Company
65250WO003	Detection of Acid-producing Bacteria	WO	National	US2010/038569	15 Jun 2010			3M Innovative Properties Company
65739EP007	Microbial Detection Article	EP	Grant	10805364.6	30 Dec 2010	2519821	30 Nov 2016	3M Innovative Properties Company
65739FR007	Microbial Detection Article	FR	Grant	10805364.6	30 Dec 2010	2519821	30 Nov 2016	3M Innovative Properties Company
65739JP009	Microbial Detection Article	JP	Grant	2012-547299	30 Dec 2010	5755247	05 Jun 2015	3M Innovative Properties Company

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65739US002	Microbial Detection Article	US	Expired	61/291245	30 Dec 2009			3M Innovative Properties Company
65739US004	Microbial Detection Article	US	Grant	13/519284	30 Dec 2010	8753834	17 Jun 2014	3M Innovative Properties Company
65739WO003	Microbial Detection Article	WO	National	US2010/062509	30 Dec 2010			3M Innovative Properties Company
65807CN007	Microbial Detection System and Methods	CN	Grant	201180032534.7	27 Jun 2011	201180032534.7	31 Aug 2016	3M Innovative Properties Company
65807JP012	Microbial Detection System and Methods	JP	Grant	2013-518513	27 Jun 2011	592500	28 Apr 2016	3M Innovative Properties Company
65807US002	Microbial Detection System and Methods	US	Expired	61/360166	30 Jun 2010			3M Innovative Properties Company
65807US004	Microbial Detection System and Methods	US	Grant	13/807058	27 Jun 2011	9127300	08 Sep 2015	3M Innovative Properties Company
65807WO003	Microbial Detection System and Methods	WO	National	US2011/041939	27 Jun 2011			3M Innovative Properties Company
65875US002	Rapid Detection of Molds that Produce Glucose Oxidase	US	Expired	61/291144	30 Dec 2009			3M Innovative Properties Company
65875US005	Rapid Detection of Molds that Produce Glucose Oxidase	US	Grant	13/515856	21 Dec 2010	8951748	10 Feb 2015	3M Innovative Properties Company
65875WO003	Rapid Detection of Molds that Produce Glucose Oxidase	WO	National	US2010/061552	21 Dec 2010			3M Innovative Properties Company
66288CN006	Filter Plate Article Having a Water-Absorbent Filter Assembly	CN	Grant	201180033009.7	29 Jun 2011	201180033009.7	21 Oct 2015	3M Innovative Properties Company

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66288EP007	Filter Plate Article Having a Water-Absorbent Filter Assembly	EP	Allowed	11810126.0	29 Jun 2011			3M Innovative Properties Company
66288US002	Apparatus for Large Volume Filtration Using a Membrane Filter Article	US	Expired	61/360489	30 Jun 2010			
66288WO003	Filter Plate Article Having a Water-Absorbent Filter Assembly	WO	National	US2011/042348	29 Jun 2011			3M Innovative Properties Company
66415CN007	Filtration Methods and Devices	CN	Grant	201180028343.3	06 Jun 2011	201180028343.3	25 May 2016	3M Innovative Properties Company
66415CN012	Filtration Methods and Devices	CN	Grant	201410080734.5	06 Mar 2014	201410080734.5	11 Jan 2017	3M Innovative Properties Company
66415EP013	Filtration Methods and Devices	EP	Grant	15166818.3	07 May 2015	2940147	21 Mar 2018	3M Innovative Properties Company
66415FR013	Filtration Methods and Devices	FR	Grant	15166818.3	07 May 2015	2940147	21 Mar 2018	3M Innovative Properties Company
66415US002	Filtration Methods and Devices	US	Expired	61/352205	07 Jun 2010			3M Innovative Properties Company
66415US004	Filtration Methods and Devices	US	Grant	13/701935	06 Jun 2011	9410210	09 Aug 2016	3M Innovative Properties Company
66415US014	Filtration Methods and Devices	US	Grant	15/185792	17 Jun 2016	10131930	20 Nov 2018	3M Innovative Properties Company
66415WO003	Filtration Methods and Devices	WO	National	US2011/039242	06 Jun 2011			3M Innovative Properties Company

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66780US002	Microbial Detection Article Having a Water-Absorbent Filter Assembly	US	Expired	61/428029	29 Dec 2010			3M Innovative Properties Company
66780US004	Microbial Detection Article Having a Water-Absorbent Filter Assembly	US	Grant	13/809214	27 Dec 2011	8906645	09 Dec 2014	3M Innovative Properties Company
66780WO003	Microbial Detection Article Having a Water-Absorbent Filter Assembly	WO	National	US2011/067338	27 Dec 2011			3M Innovative Properties Company
66788US002	Effervescent Compositions and Uses Thereof	US	Expired	61/428856	31 Dec 2010			3M Innovative Properties Company
66788US004	Effervescent Compositions and Uses Thereof	US	Grant	13/989922	22 Dec 2011	9243279	26 Jan 2016	3M Innovative Properties Company
66788US010	Effervescent Compositions and Uses Thereof	US	Grant	15/002696	21 Jan 2016	10378041	13 Aug 2019	3M Innovative Properties Company
66788WO003	Effervescent Compositions and Uses Thereof	WO	National	US2011/066820	22 Dec 2011			3M Innovative Properties Company
67060US002	Fluorogenic or Fluorophoric Compounds and Uses Thereof	US	Expired	61/469355	30 Mar 2011			3M Innovative Properties Company
67060US004	Fluorogenic or Fluorophoric Compounds and Uses Thereof	US	Grant	14/008905	05 Mar 2012	9434975	06 Sep 2016	3M Innovative Properties Company
67060US008	Fluorogenic or Fluorophoric Compounds and Uses Thereof	US	Grant	15/226096	02 Aug 2016	9896711	20 Feb 2018	3M Innovative Properties Company
67060WO003	Fluorogenic or Fluorophoric Compounds and Uses Thereof	WO	National	US2012/027698	05 Mar 2012			3M Innovative Properties Company
67101US003	Methods and Compositions to Detect a Biological Activity	US	Expired	61/416858	24 Nov 2010			3M Innovative Properties Company

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67101US005	Methods and Compositions to Detect a Biological Activity	US	Grant	13/883620	28 Oct 2011	9435739	06 Sep 2016	3M Innovative Properties Company
67101WO004	Methods and Compositions to Detect a Biological Activity	WO	National	US2011/058214	28 Oct 2011			3M Innovative Properties Company
67151CN007	Articles and Method for Detecting a Target Microorganism	CN	Grant	201180063824.8	23 Dec 2011	201180063824.8	16 Nov 2016	3M Innovative Properties Company
67151CN015	Articles and Method for Detecting a Target Microorganism	CN	Grant	201610903473.1	17 Oct 2016	201610903473.1	03 Sep 2021	3M Innovative Properties Company
67151DE008	Articles and Method for Detecting a Target Microorganism	DE	Grant	11809052.1	23 Dec 2011	602011033466.2	14 Dec 2016	3M Innovative Properties Company
67151EP008	Articles and Method for Detecting a Target Microorganism	EP	Grant	11809052.1	23 Dec 2011	2658990	14 Dec 2016	3M Innovative Properties Company
67151JP009	Articles and Method for Detecting a Target Microorganism	JP	Grant	2013-547588	23 Dec 2011	5911511	08 Apr 2016	3M Innovative Properties Company
67151US002	Articles and Method for Detecting a Target Microorganism	US	Expired	61/428722	30 Dec 2010			3M Innovative Properties Company
67151US004	Method for Detecting a Target Microorganism Using Two Indicator Systems in a Culture Device	US	Grant	13/976064	23 Dec 2011	9273340	01 Mar 2016	3M Innovative Properties Company
67151US014	Methods for Detecting Listeria Monocytogenes	US	Grant	14/956437	02 Dec 2015	9719124	01 Aug 2017	3M Innovative Properties Company
67151US016	Method for Detecting Escherichia Coli In a Sample	US	Grant	15/628750	21 Jun 2017	10023898	17 Jul 2018	3M Innovative Properties Company
67151US017	Method for Detecting a Shigella or Chronobacter Microorganism	US	Grant	16/035758	16 Jul 2018	10619181	14 Apr 2020	3M Innovative Properties Company

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67151WO003	Articles and Method for Detecting a Target Microorganism	WO	National	US2011/067149	23 Dec 2011			3M Innovative Properties Company
67272BR006	Luminescence Detection Method	BR	Filing	112013027041-1	19 Apr 2012			3M Innovative Properties Company
67272CN008	Luminescence Detection Method	CN	Grant	201280019795.X	19 Apr 2012	201280019795.X	15 Feb 2017	3M Innovative Properties Company
67272DE009	Luminescence Detection Method	DE	Grant	12717004.1	19 Apr 2012	602012037265.6	13 Sep 2017	3M Innovative Properties Company
67272EP009	Luminescence Detection Method	EP	Grant	12717004.1	19 Apr 2012	2699889	13 Sep 2017	3M Innovative Properties Company
67272FR009	Luminescence Detection Method	FR	Grant	12717004.1	19 Apr 2012	2699889	13 Sep 2017	3M Innovative Properties Company
67272GB009	Luminescence Detection Method	GB	Grant	12717004.1	19 Apr 2012	2699889	13 Sep 2017	3M Innovative Properties Company
67272JP015	Luminescence Detection Method	JP	Grant	2014-247085	05 Dec 2014	6116540	31 Mar 2017	3M Innovative Properties Company
67272US002	Luminescence Detection Method	US	Expired	61/478251	22 Apr 2011			3M Innovative Properties Company
67272US004	Luminescence Detection Method	US	Grant	14/111573	19 Apr 2012	8852894	07 Oct 2014	3M Innovative Properties Company
67272US014	Luminescence Detection Method	US	Grant	14/487144	16 Sep 2014	9845498	19 Dec 2017	3M Innovative Properties Company
67272WO003	Luminescence Detection Method	WO	National	US2012/034155	19 Apr 2012			3M Innovative Properties Company

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67408US002	Apparatus and Method for Processing a Sample	US	Expired	61/451096	09 Mar 2011			3M Innovative Properties Company
67408US004	Apparatus and Method for Processing a Sample	US	Grant	14/001895	05 Mar 2012	9255864	09 Feb 2016	3M Innovative Properties Company
67408WO003	Apparatus and Method for Processing a Sample	WO	National	US2012/027699	05 Mar 2012			3M Innovative Properties Company
67673BR006	Salmonella Detection Articles and Methods of Use	BR	Grant	112013029740-9	14 May 2012	112013029740-9	27 Oct 2020	3M Innovative Properties Company
67673CN008	Salmonella Detection Articles and Methods of Use	CN	Grant	201280024556.3	14 May 2012	201280024556.3	08 Jun 2016	3M Innovative Properties Company
67673DE009	Salmonella Detection Articles and Methods of Use	DE	Grant	12725919.0	14 May 2012	602012047636.2	20 Jun 2018	3M Innovative Properties Company
67673DE016	Methods of Using Salmonella Detection Articles	DE	Grant	18178382.0	19 Jun 2018	602012068502.6	11 Mar 2020	3M Innovative Properties Company
67673EP009	Salmonella Detection Articles and Methods of Use	EP	Grant	12725919.0	14 May 2012	2710140	20 Jun 2018	3M Innovative Properties Company
67673EP016	Methods of Using Salmonella Detection Articles	EP	Grant	18178382.0	19 Jun 2018	3399049	11 Mar 2020	3M Innovative Properties Company
67673FR009	Salmonella Detection Articles and Methods of Use	FR	Grant	12725919.0	14 May 2012	2710140	20 Jun 2018	3M Innovative Properties Company
67673FR016	Methods of Using Salmonella Detection Articles	FR	Grant	18178382.0	19 Jun 2018	3399049	11 Mar 2020	3M Innovative Properties Company
67673JP011	Salmonella Detection Articles and Methods of Use	JP	Grant	2014-511433	14 May 2012	6000341	09 Sep 2016	3M Innovative Properties Company

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67673KR014	Salmonella Detection Articles and Methods of Use	KR	Grant	10-2013-7033657	14 May 2012	10-2013428	16 Aug 2019	3M Innovative Properties Company
67673US002	Salmonella Detection Articles and Methods of Use	US	Expired	61/488492	20 May 2011			3M Innovative Properties Company
67673US004	Salmonella Detection Articles and Methods of Use	US	Grant	14/118258	14 May 2012	9593361	14 Mar 2017	3M Innovative Properties Company
67673US015	Salmonella Detection Articles and Methods of Use	US	Grant	15/438239	21 Feb 2017	10526635	07 Jan 2020	3M Innovative Properties Company
67673WO003	Salmonella Detection Articles and Methods of Use	WO	National	US2012/037701	14 May 2012			3M Innovative Properties Company
67829CN006	Cap Handling Tool and Method of Use	CN	Grant	201280037897.4	02 Aug 2012	201280037897.4	26 Aug 2015	3M Innovative Properties Company
67829DE007	Cap Handling Tool and Method of Use	DE	Grant	12746228.1	02 Aug 2012	602012076800.2	29 Sep 2021	3M Innovative Properties Company
67829EP007	Cap Handling Tool and Method of Use	EP	Grant	12746228.1	02 Aug 2012	2739558	29 Sep 2021	3M Innovative Properties Company
67829JP008	Cap Handling Tool and Method of Use	JP	Grant	2014-524061	02 Aug 2012	5963862	08 Jul 2016	3M Innovative Properties Company
67829US002	Cap Handling Tool and Method of Use	US	Expired	61/514298	02 Aug 2011			3M Innovative Properties Company
67829US004	Cap Handling Tool and Method of Use	US	Grant	14/235467	02 Aug 2012	9079757	14 Jul 2015	3M Innovative Properties Company
67829WO003	Cap Handling Tool and Method of Use	WO	National	US2012/049239	02 Aug 2012			3M Innovative Properties Company

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67830CN006	Cap Handling Tools and Methods of Use	CN	Grant	201280037856.5	02 Aug 2012	201280037856.5	25 Nov 2015	3M Innovative Properties Company
67830EP007	Cap Handling Tools and Methods of Use	EP	Grant	12748091.1	02 Aug 2012	2739437	22 Apr 2020	3M Innovative Properties Company
67830FR007	Cap Handling Tools and Methods of Use	FR	Grant	12748091.1	02 Aug 2012	2739437	22 Apr 2020	3M Innovative Properties Company
67830JP008	Cap Handling Tools and Methods of Use	JP	Grant	2014-524062	02 Aug 2012	6275037	19 Jan 2018	3M Innovative Properties Company
67830US002	Cap Handling Tool and Method of Use	US	Expired	61/514314	02 Aug 2011			3M Innovative Properties Company
67830US004	Cap Handling Tools and Methods of Use	US	Grant	14/234743	02 Aug 2012	9038503	26 May 2015	3M Innovative Properties Company
67830WO003	Cap Handling Tools and Methods of Use	WO	National	US2012/049242	02 Aug 2012			3M Innovative Properties Company
67932BR005	Method of Detecting a Salmonella Microorganism	BR	Grant	112014016066-0	18 Dec 2012	112014016066-0	27 Apr 2021	3M Innovative Properties Company
67932CN006	Method of Detecting a Salmonella Microorganism	CN	Grant	201280065530.3	18 Dec 2012	201280065530.3	29 May 2018	3M Innovative Properties Company
67932DE007	Method of Detecting a Salmonella Microorganism	DE	Grant	12806320.3	18 Dec 2012	602012049887.0	15 Aug 2018	3M Innovative Properties Company
67932EP007	Method of Detecting a Salmonella Microorganism	EP	Grant	12806320.3	18 Dec 2012	2798075	15 Aug 2018	3M Innovative Properties Company
67932FR007	Method of Detecting a Salmonella Microorganism	FR	Grant	12806320.3	18 Dec 2012	2798075	15 Aug 2018	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
67932GB007	Method of Detecting a Salmonella Microorganism	GB	Grant	12806320.3	18 Dec 2012	2798075	15 Aug 2018	3M Innovative Properties Company
67932JP009	Method of Detecting a Salmonella Microorganism	JP	Grant	2014-550326	18 Dec 2012	6192658	18 Aug 2017	3M Innovative Properties Company
67932US002	Method of Detecting a Salmonella Microorganism	US	Expired	61/580860	28 Dec 2011			3M Innovative Properties Company
67932US011	Method of Detecting a Salmonella Microorganism	US	Grant	14/368525	18 Dec 2012	9677111	13 Jun 2017	3M Innovative Properties Company
67932US012	Method of Detecting a Salmonella Microorganism	US	Grant	15/593598	12 May 2017	10519481	31 Dec 2019	3M Innovative Properties Company
67932WO003	Method of Detecting a Salmonella Microorganism	WO	National	US2012/070223	18 Dec 2012			3M Innovative Properties Company
68236DE007	Method of Detecting A Salmonella Microorganism	DE	Grant	12806859.0	19 Dec 2012	602012058901.9	10 Apr 2019	3M Innovative Properties Company
68236EP007	Method of Detecting A Salmonella Microorganism	EP	Grant	12806859.0	19 Dec 2012	2798076	10 Apr 2019	3M Innovative Properties Company
68236JP009	Method of Detecting A Salmonella Microorganism	JP	Grant	2014-550349	19 Dec 2012	6132852	28 Apr 2017	3M Innovative Properties Company
68236US002	Method of Detecting A Salmonella Microorganism	US	Expired	61/580849	28 Dec 2011			3M Innovative Properties Company
68236US011	Method of Detecting A Salmonella Microorganism	US	Grant	14/368711	19 Dec 2012	9920350	20 Mar 2018	3M Innovative Properties Company
68236WO003	Method of Detecting A Salmonella Microorganism	WO	National	US2012/070580	19 Dec 2012			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
69615US002	Assembly and Method for Processing a Sample	US	Expired	61/655619	05 Jun 2012			3M Innovative Properties Company
69615US004	Multiwell Plate	US	Grant	14/404979	24 May 2013	9700887	11 Jul 2017	3M Innovative Properties Company
69615WO003	Multiwell Plate	WO	National	US2013/042563	24 May 2013			3M Innovative Properties Company
69795US002	Assembly and Method for Processing a Sample	US	Expired	61/655613	05 Jun 2012			3M Innovative Properties Company
69795US004	Apparatus and Method for Processing a Sample	US	Grant	14/405012	24 May 2013	9428787	30 Aug 2016	3M Innovative Properties Company
69795WO003	Apparatus and Method for Processing a Sample	WO	National	US2013/042560	24 May 2013			3M Innovative Properties Company
69842JP005	Methods and Kits for Detecting a Xerophilic Microorganism or an Osmophilic Microorganism	JP	Grant	2015-517281	29 May 2013	6198820	01 Sep 2017	3M Innovative Properties Company
69842US002	Methods and Kits for Detecting a Xerophilic Microorganism or an Osmophilic Microorganism	US	Expired	61/659489	14 Jun 2012			3M Innovative Properties Company
69842US004	Methods for Detecting a Xerophilic or Osmophilic Yeast or Mold Microorganism	US	Grant	14/406538	29 May 2013	9376703	28 Jun 2016	3M Innovative Properties Company
69842WO003	Methods and Kits for Detecting a Xerophilic Microorganism or an Osmophilic Microorganism	WO	National	US2013/042996	29 May 2013			3M Innovative Properties Company
69969EP006	Apparatus for Detecting ATP in a Liquid Sample	EP	Publication of application	13737092.0	01 Jul 2013			3M Innovative Properties Company
69969JP007	Apparatus for Detecting ATP in a Liquid Sample	JP	Grant	2015-520611	01 Jul 2013	6257614	15 Dec 2017	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
69969US002	Apparatus for Detecting ATP in a Liquid Sample	US	Expired	61/668520	06 Jul 2012			3M Innovative Properties Company
69969US005	Apparatus for Detecting ATP in a Liquid Sample	US	Grant	14/410718	01 Jul 2013	10793890	06 Oct 2020	3M Innovative Properties Company
69969US008	Apparatus for Detecting ATP in a Liquid Sample	US	Publication of application	16/273355	12 Feb 2019			3M Innovative Properties Company
69969WO004	Apparatus for Detecting ATP in a Liquid Sample	WO	National	US2013/048848	01 Jul 2013			3M Innovative Properties Company
70036DE007	Agglomerated Microbiological Media	DE	Grant	13742814.0	22 Jul 2013	602013029480.1	15 Nov 2017	3M Innovative Properties Company
70036EP007	Agglomerated Microbiological Media	EP	Grant	13742814.0	22 Jul 2013	2877569	15 Nov 2017	3M Innovative Properties Company
70036KR009	Agglomerated Microbiological Media	KR	Grant	2015-7004435	22 Jul 2013	10-2103232	16 Apr 2020	3M Innovative Properties Company
70036US002	Agglomerated Microbiological Media	US	Expired	61/675624	25 Jul 2012			3M Innovative Properties Company
70036US004	Agglomerated Microbiological Media	US	Grant	14/415744	22 Jul 2013	9765293	19 Sep 2017	3M Innovative Properties Company
70036US011	Agglomerated Microbiological Media	US	Grant	15/674671	11 Aug 2017	10876091	29 Dec 2020	3M Innovative Properties Company
70036US013	Agglomerated Microbiological Media	US	Publication of application	17/102705	24 Nov 2020			3M Innovative Properties Company
70036WO003	Agglomerated Microbiological Media	WO	National	US2013/051449	22 Jul 2013			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
70060DE005	Apparatus and Methods for Detecting ATP in a Liquid Sample	DE	Grant	13710925.2	25 Feb 2013	602013017641.8	22 Feb 2017	3M Innovative Properties Company
70060EP005	Apparatus and Methods for Detecting ATP in a Liquid Sample	EP	Grant	13710925.2	25 Feb 2013	2870257	22 Feb 2017	3M Innovative Properties Company
70060FR005	Apparatus and Methods for Detecting ATP in a Liquid Sample	FR	Grant	13710925.2	25 Feb 2013	2870257	22 Feb 2017	3M Innovative Properties Company
70060JP006	Apparatus and Methods for Detecting ATP in a Liquid Sample	JP	Grant	2015-520154	25 Feb 2013	6377610	03 Aug 2018	3M Innovative Properties Company
70060US002	Apparatus and Methods for Detecting ATP in a Liquid Sample	US	Expired	61/668526	06 Jul 2012			3M Innovative Properties Company
70060US004	Apparatus and Methods for Detecting ATP in a Liquid Sample	US	Grant	14/412143	25 Feb 2013	10240181	26 Mar 2019	3M Innovative Properties Company
70060US007	Apparatus and Methods for Detecting ATP in a Liquid Sample	US	Grant	16/259234	28 Jan 2019	11085063	10 Aug 2021	3M Innovative Properties Company
70060WO003	Apparatus and Methods for Detecting ATP in a Liquid Sample	WO	National	US2013/027631	25 Feb 2013			3M Innovative Properties Company
70160CN007	Method of Making Agglomerated Microbiological Media and Compositions Thereof	CN	Grant	201380042226.1	22 Jul 2013	201380042226.1	27 Nov 2018	3M Innovative Properties Company
70160DE008	Method of Making Agglomerated Microbiological Media and Compositions Thereof	DE	Grant	13744918.7	22 Jul 2013	602013050996.4	20 Feb 2019	3M Innovative Properties Company
70160EP008	Method of Making Agglomerated Microbiological Media and Compositions Thereof	EP	Grant	13744918.7	22 Jul 2013	2882842	20 Feb 2019	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
70160JP012	Method of Making Agglomerated Microbiological Media and Compositions Thereof	JP	Grant	2018-244857	27 Dec 2018	6739512	27 Jul 2020	3M Innovative Properties Company
70160KR010	Method of Making Agglomerated Microbiological Media and Compositions Thereof	KR	Grant	2015-7005544	22 Jul 2013	10-2058491	17 Dec 2019	3M Innovative Properties Company
70160US002	Method of Making Agglomerated Microbiological Media and Compositions Thereof	US	Expired	61/680449	07 Aug 2012			3M Innovative Properties Company
70160US004	Method of Making Agglomerated Microbiological Media and Compositions Thereof	US	Expired	61/773852	07 Mar 2013			3M Innovative Properties Company
70160WO003	Method of Making Agglomerated Microbiological Media and Compositions Thereof	WO	National	US2013/051446	22 Jul 2013			3M Innovative Properties Company
71080BR006	Method and Culture Device For Detecting Yeasts and Molds	BR	Grant	112015018397-2	04 Feb 2014	112015018397-2	02 Feb 2021	3M Innovative Properties Company
71080CN008	Method and Culture Device For Detecting Yeasts and Molds	CN	Grant	201480007414.5	04 Feb 2014	201480007414.5	05 Nov 2019	3M Innovative Properties Company
71080DE009	Method and Culture Device For Detecting Yeasts and Molds	DE	Grant	14705005.8	04 Feb 2014	602014073142.2	09 Dec 2020	3M Innovative Properties Company
71080EP009	Method and Culture Device For Detecting Yeasts and Molds	EP	Grant	14705005.8	04 Feb 2014	2951279	09 Dec 2020	3M Innovative Properties Company
71080FR009	Method and Culture Device For Detecting Yeasts and Molds	FR	Grant	14705005.8	04 Feb 2014	2951279	09 Dec 2020	3M Innovative Properties Company

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Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
71080GB009	Method and Culture Device For Detecting Yeasts and Molds	GB	Grant	14/705005.8	04 Feb 2014	2951279	09 Dec 2020	3M Innovative Properties Company
71080JP011	Method and Culture Device For Detecting Yeasts and Molds	JP	Grant	2015-556216	04 Feb 2014	6482474	22 Feb 2019	3M Innovative Properties Company
71080JP016	Method and Culture Device For Detecting Yeasts and Molds	JP	Grant	2018-229272	06 Dec 2018	6796632	18 Nov 2020	3M Innovative Properties Company
71080US002	Method and Culture Device For Detecting Yeasts and Molds	US	Expired	61/760412	04 Feb 2013			3M Innovative Properties Company
71080US003	Method and Culture Device For Detecting Yeasts and Molds	US	Grant	13/775495	25 Feb 2013	8921067	30 Dec 2014	3M Innovative Properties Company
71080US014	Method and Culture Device For Detecting Yeasts and Molds	US	Grant	14/813897	30 Jul 2015	9879214	30 Jan 2018	3M Innovative Properties Company
71080US015	Method and Culture Device For Detecting Yeasts and Molds	US	Grant	15/879582	25 Jan 2018	10640743	05 May 2020	3M Innovative Properties Company
71080WO004	Method and Culture Device For Detecting Yeasts and Molds	WO	National	US2014/014523	04 Feb 2014			3M Innovative Properties Company
71124DE011	Method of Differentiating Microbial Colonies in an Image	DE	Grant	18154162.4	30 Jan 2018	602013066372.6	26 Feb 2020	3M Innovative Properties Company
71124EP011	Method of Differentiating Microbial Colonies in an Image	EP	Grant	18154162.4	30 Jan 2018	3336195	26 Feb 2020	3M Innovative Properties Company
71124JP008	Method of Differentiating Microbial Colonies in an Image	JP	Grant	2015-549505	13 Dec 2013	6266017	05 Jan 2018	3M Innovative Properties Company
71124US002	Method of Differentiating Microbial Colonies in an Image	US	Expired	61/739786	20 Dec 2012			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
71124US004	Method of Differentiating Microbial Colonies in an Image	US	Grant	14/652366	13 Dec 2013	9677108	13 Jun 2017	3M Innovative Properties Company
71124US010	Method of Differentiating Microbial Colonies in an Image	US	Grant	15/590193	09 May 2017	9809836	07 Nov 2017	3M Innovative Properties Company
71124WO003	Method of Differentiating Microbial Colonies in an Image	WO	National	US2013/074882	13 Dec 2013			3M Innovative Properties Company
71125JP008	Method of Detecting Gas-Producing Microbial Colonies	JP	Grant	2015-549506	13 Dec 2013	6366604	13 Jul 2018	3M Innovative Properties Company
71125US002	Method of Detecting Gas-Producing Microbial Colonies	US	Expired	61/739789	20 Dec 2012			3M Innovative Properties Company
71125US004	Method of Detecting Gas-Producing Microbial Colonies	US	Grant	14/652379	13 Dec 2013	9684816	20 Jun 2017	3M Innovative Properties Company
71125US011	Method of Detecting Gas-Producing Microbial Colonies	US	Grant	15/882222	29 Jan 2018	10614286	07 Apr 2020	3M Innovative Properties Company
71125WO003	Method of Detecting Gas-Producing Microbial Colonies	WO	National	US2013/074887	13 Dec 2013			3M Innovative Properties Company
71267US002	Sample Concentrator and Method of Use	US	Expired	61/786957	15 Mar 2013			3M Innovative Properties Company
71267US004	Sample Concentrator and Method of Use	US	Grant	14/774149	13 Mar 2014	9677981	13 Jun 2017	3M Innovative Properties Company
71267WO003	Sample Concentrator and Method of Use	WO	National	US2014/025166	13 Mar 2014			3M Innovative Properties Company
71539CN005	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	CN	Publication of application	201480058593.5	20 Oct 2014			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
71539EP006	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	EP	Grant	14790471.8	20 Oct 2014	3060676	20 Nov 2019	3M Innovative Properties Company
71539FR006	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	FR	Grant	14790471.8	20 Oct 2014	3060676	20 Nov 2019	3M Innovative Properties Company
71539JP007	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	JP	Grant	2016-525903	20 Oct 2014	6938151	03 Sep 2021	3M Innovative Properties Company
71539JP009	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	JP	Publication of application	2020-041775	11 Mar 2020			3M Innovative Properties Company
71539US002	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	US	Expired	61/895170	24 Oct 2013			3M Innovative Properties Company
71539US008	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	US	Publication of application	16/288712	28 Feb 2019			3M Innovative Properties Company
71539WO003	Self-Contained Anaerobic Environment-Generating Culture Devices and Methods of Use	WO	National	US2014/061351	20 Oct 2014			3M Innovative Properties Company
71540CN006	Culture Device and Methods for Enumerating Mold Colonies	CN	Publication of application	201480025430.7	05 May 2014			3M Innovative Properties Company
71540DE007	Culture Device and Methods for Enumerating Mold Colonies	DE	Grant	14727684.4	05 May 2014	602014073570.3	23 Dec 2020	3M Innovative Properties Company
71540EP007	Culture Device and Methods for Enumerating Mold Colonies	EP	Grant	14727684.4	05 May 2014	2994525	23 Dec 2020	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
71540JP008	Culture Device and Methods for Enumerating Mold Colonies	JP	Grant	2016-512978	05 May 2014	6469088	25 Jan 2019	3M Innovative Properties Company
71540US002	Culture Device and Methods for Enumerating Mold Colonies	US	Expired	61/819690	06 May 2013			3M Innovative Properties Company
71540US010	Culture Device and Methods for Enumerating Mold Colonies	US	Grant	16/196564	20 Nov 2018	11066634	20 Jul 2021	3M Innovative Properties Company
71540US011	Culture Device and Methods for Enumerating Mold Colonies	US	Publication of application	17/304185	16 Jun 2021			3M Innovative Properties Company
71540WO003	Culture Device and Methods for Enumerating Mold Colonies	WO	National	US2014/036730	05 May 2014			3M Innovative Properties Company
74467US002	Apparatus and Method for Preparing a Biological Sample for Analysis	US	Expired	61/915124	12 Dec 2013			3M Innovative Properties Company
74467US004	Apparatus and Method for Preparing a Biological Sample for Analysis	US	Grant	15/100806	08 Dec 2014	10099217	16 Oct 2018	3M Innovative Properties Company
74467US012	Apparatus and Method for Preparing a Biological Sample for Analysis	US	Grant	16/124715	07 Sep 2018	10363557	30 Jul 2019	3M Innovative Properties Company
74467WO003	Apparatus and Method for Preparing a Biological Sample for Analysis	WO	National	US2014/068999	08 Dec 2014			3M Innovative Properties Company
75030CN005	Devices and Methods For Sample Partitioning and Analysis	CN	Grant	201580044618.0	19 Aug 2015	201580044618.0	17 Dec 2019	3M Innovative Properties Company
75030DE006	Devices and Methods For Sample Partitioning and Analysis	DE	Grant	15760542.9	19 Aug 2015	602015069731.6	26 May 2021	3M Innovative Properties Company
75030EP006	Devices and Methods For Sample Partitioning and Analysis	EP	Grant	15760542.9	19 Aug 2015	3183335	26 May 2021	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
75030JP007	Devices and Methods For Sample Partitioning and Analysis	JP	Grant	2017-509686	19 Aug 2015	6722657	24 Jun 2020	3M Innovative Properties Company
75030US002	Devices and Methods For Sample Partitioning and Analysis	US	Expired	62/039638	20 Aug 2014			3M Innovative Properties Company
75030US008	Devices and Methods For Sample Partitioning and Analysis	US	Publication of application	17/011259	03 Sep 2020			3M Innovative Properties Company
75030WO003	Devices and Methods For Sample Partitioning and Analysis	WO	National	US2015/045786	19 Aug 2015			3M Innovative Properties Company
75061BR006	Article and Method For Detecting Aerobic Bacteria	BR	Grant	112016020570-7	05 Mar 2015	112016020570-7	13 Oct 2021	3M Innovative Properties Company
75061CN008	Article and Method For Detecting Aerobic Bacteria	CN	Publication of application	201580012546.1	05 Mar 2015			3M Innovative Properties Company
75061CN017	Article and Method For Detecting Aerobic Bacteria	CN	Published	202210173734.4	05 Mar 2015			3M Innovative Properties Company
75061DE009	Article and Method For Detecting Aerobic Bacteria	DE	Grant	15710377.1	05 Mar 2015	602015031755.6	12 Jun 2019	3M Innovative Properties Company
75061EP009	Article and Method For Detecting Aerobic Bacteria	EP	Grant	15710377.1	05 Mar 2015	3114209	12 Jun 2019	3M Innovative Properties Company
75061EP014	Article and Method For Detecting Aerobic Bacteria	EP	Publication of application	19176771.4	27 May 2019			3M Innovative Properties Company
75061FR009	Article and Method For Detecting Aerobic Bacteria	FR	Grant	15710377.1	05 Mar 2015	3114209	12 Jun 2019	3M Innovative Properties Company
75061GB009	Article and Method For Detecting Aerobic Bacteria	GB	Grant	15710377.1	05 Mar 2015	3114209	12 Jun 2019	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
75061JP015	Article and Method For Detecting Aerobic Bacteria	JP	Grant	2019-233906	25 Dec 2019	7115806	01 Aug 2022	3M Innovative Properties Company
75061KR013	Article and Method For Detecting Aerobic Bacteria	KR	Grant	10-2016-7027416	05 Mar 2015	1024364470000	22 Aug 2022	3M Innovative Properties Company
75061US002	Article and Method For Detecting Aerobic Bacteria	US	Expired	61/949631	07 Mar 2014			3M Innovative Properties Company
75061US016	Article and Method For Detecting Aerobic Bacteria	US	Grant	17/117348	10 Dec 2020	11414641	16 Aug 2022	3M Innovative Properties Company
75061WO003	Article and Method For Detecting Aerobic Bacteria	WO	National	US2015/018844	05 Mar 2015			3M Innovative Properties Company
75107BR005	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	BR	Filing	112016026198.4	13 May 2015			3M Innovative Properties Company
75107CN006	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	CN	Grant	201580024479.5	13 May 2015	201580024479.5	03 Mar 2020	3M Innovative Properties Company
75107DE007	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	DE	Grant	15724484.9	13 May 2015	3143122	12 Aug 2020	3M Innovative Properties Company
75107EP007	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	EP	Grant	15724484.9	13 May 2015	3143122	12 Aug 2020	3M Innovative Properties Company
75107FR007	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	FR	Grant	15724484.9	13 May 2015	3143122	12 Aug 2020	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
75107JP008	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	JP	Grant	2017-512659	13 May 2015	6876604	28 Apr 2021	3M Innovative Properties Company
75107JP009	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	JP	Grant	2020-070691	10 Apr 2020	7012115	19 Jan 2022	3M Innovative Properties Company
75107US002	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	US	Expired	61/994153	16 May 2014			3M Innovative Properties Company
75107US004	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	US	Publication of application	15/308622	13 May 2015			3M Innovative Properties Company
75107WO003	System and Method for Liquid Culture of Anaerobic or Microaerophilic Microorganisms	WO	National	US2015/030491	13 May 2015			3M Innovative Properties Company
75228JP008	Method of Detecting a Microorganism Using Chromatographic Enrichment	JP	Grant	2017-518444	05 Oct 2015	6628794	13 Dec 2019	3M Innovative Properties Company
75228KR009	Method of Detecting a Microorganism Using Chromatographic Enrichment	KR	Grant	10-2017-7012043	05 Oct 2015	1024351960000	18 Aug 2022	3M Innovative Properties Company
75228US002	Method of Detecting a Microorganism Using Chromatographic Enrichment	US	Expired	62/060621	07 Oct 2014			3M Innovative Properties Company
75228US004	Method of Detecting a Microorganism Using Chromatographic Enrichment	US	Grant	15/514534	05 Oct 2015	10634672	28 Apr 2020	3M Innovative Properties Company
75228WO003	Method of Detecting a Microorganism Using Chromatographic Enrichment	WO	National	US2015/053943	05 Oct 2015			3M Innovative Properties Company

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Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
75234BR005	Pipette Device	BR	Grant	112016022959.2	31 Mar 2015	112016022959.2	28 Sep 2021	3M Innovative Properties Company
75234CN006	Pipette Device	CN	Grant	201580018807.0	31 Mar 2015	201580018807.0	12 Dec 2017	3M Innovative Properties Company
75234DE007	Pipette Device	DE	Grant	15772737.1	31 Mar 2015	602015029957.4	08 May 2019	3M Innovative Properties Company
75234EP007	Pipette Device	EP	Grant	15772737.1	31 Mar 2015	3126051	08 May 2019	3M Innovative Properties Company
75234FR007	Pipette Device	FR	Grant	15772737.1	31 Mar 2015	3126051	08 May 2019	3M Innovative Properties Company
75234JP008	Pipette Device	JP	Grant	2016-560713	31 Mar 2015	6297167	02 Mar 2018	3M Innovative Properties Company
75234KR009	Pipette Device	KR	Allowed	10-2016-7030811	31 Mar 2015			3M Innovative Properties Company
75234US004	Pipette Device	US	Grant	15/300731	31 Mar 2015	10661266	26 May 2020	3M Innovative Properties Company
75234WO003	Pipette Device	WO	National	US2015/023608	31 Mar 2015			3M Innovative Properties Company
75235KR002	Pipette	KR	Grant	30-2014-0016855	04 Apr 2014	30-0786787	27 Feb 2015	3M Innovative Properties Company
75658DE006	Kit Comprising ATP-Diphosphohydrolase for Detecting Bacterial ATP in a Sample	DE	Grant	15802240.0	09 Nov 2015	602015022936.3	02 Jan 2019	3M Innovative Properties Company
75658EP006	Kit Comprising ATP-Diphosphohydrolase for	EP	Grant	15802240.0	09 Nov 2015	3218510	02 Jan 2019	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
	Detecting Bacterial ATP in a Sample							
75658FR006	Kit Comprising ATP-Diphosphohydrolase for Detecting Bacterial ATP in a Sample	FR	Grant	15802240.0	09 Nov 2015	3218510	02 Jan 2019	3M Innovative Properties Company
75658GB006	Kit Comprising ATP-Diphosphohydrolase for Detecting Bacterial ATP in a Sample	GB	Grant	15802240.0	09 Nov 2015	3218510	02 Jan 2019	3M Innovative Properties Company
75658JP007	Kit Comprising ATP-Diphosphohydrolase for Detecting Bacterial ATP in a Sample	JP	Grant	2017-525824	09 Nov 2015	6698651	01 May 2020	3M Innovative Properties Company
75658US002	Kit for Detecting Bacterial ATP in a Sample	US	Expired	62/079156	13 Nov 2014			3M Innovative Properties Company
75658US004	Kit Comprising ATP-Diphosphohydrolase for Detecting Bacterial ATP in a Sample	US	Grant	15/526087	09 Nov 2015	10415073	17 Sep 2019	3M Innovative Properties Company
75658WO003	Kit Comprising ATP-Diphosphohydrolase for Detecting Bacterial ATP in a Sample	WO	National	US2015/059654	09 Nov 2015			3M Innovative Properties Company
75700BR006	Composition for Reducing Inhibition of Nucleic Acid Amplification	BR	Filing	112017013277-0	21 Dec 2015			3M Innovative Properties Company
75700CN007	Composition for Reducing Inhibition of Nucleic Acid Amplification	CN	Grant	201580069431.6	21 Dec 2015	201580069431.6	22 Jun 2020	3M Innovative Properties Company
75700DE008	Composition for Reducing Inhibition of Nucleic Acid Amplification	DE	Grant	15828611.2	21 Dec 2015	602015037415.0	04 Sep 2019	3M Innovative Properties Company
75700DE011	Composition for Reducing Inhibition of Nucleic Acid Amplification	DE	Grant	19193036.1	22 Aug 2019	3594342	03 Nov 2021	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
75700EP008	Composition for Reducing Inhibition of Nucleic Acid Amplification	EP	Grant	15828611.2	21 Dec 2015	3237637	04 Sep 2019	3M Innovative Properties Company
75700EP011	Composition for Reducing Inhibition of Nucleic Acid Amplification	EP	Grant	19193036.1	22 Aug 2019	3594342	03 Nov 2021	3M Innovative Properties Company
75700FR008	Composition for Reducing Inhibition of Nucleic Acid Amplification	FR	Grant	15828611.2	21 Dec 2015	3237637	04 Sep 2019	3M Innovative Properties Company
75700FR011	Composition for Reducing Inhibition of Nucleic Acid Amplification	EP	Grant	19193036.1	22 Aug 2019	3594342	03 Nov 2021	3M Innovative Properties Company
75700JP009	Composition for Reducing Inhibition of Nucleic Acid Amplification	JP	Grant	2017-533778	21 Dec 2015	6650944	23 Jan 2020	3M Innovative Properties Company
75700KR010	Composition for Reducing Inhibition of Nucleic Acid Amplification	KR	Publication of application	10-2017-7019818	21 Dec 2015			3M Innovative Properties Company
75700US002	Composition for Reducing Inhibition of Nucleic Acid Amplification	US	Expired	62/096217	23 Dec 2014			3M Innovative Properties Company
75700US004	Composition for Reducing Inhibition of Nucleic Acid Amplification	US	Expired	62/136682	23 Mar 2015			3M Innovative Properties Company
75700US005	Composition for Reducing Inhibition of Nucleic Acid Amplification	US	Grant	15/535504	21 Dec 2015	10604787	31 Mar 2020	3M Innovative Properties Company
75700WO003	Composition for Reducing Inhibition of Nucleic Acid Amplification	WO	National	US2015/066968	21 Dec 2015			3M Innovative Properties Company
75857JP008	Method of Detecting an Analyte Using Chromatographic Enrichment	JP	Grant	2017-518527	05 Oct 2015	6785226	28 Oct 2020	3M Innovative Properties Company
75857KR009	Method of Detecting an Analyte Using Chromatographic Enrichment	KR	Grant	10-2017-7012044	05 Oct 2015	1024351970000	18 Aug 2022	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
75857US002	Method of Detecting an Analyte Using Chromatographic Enrichment	US	Expired	62/060618	07 Oct 2014			3M Innovative Properties Company
75857US004	Method of Detecting an Analyte Using Chromatographic Enrichment	US	Grant	15/514139	05 Oct 2015	10281466	07 May 2019	3M Innovative Properties Company
75857WO003	Method of Detecting an Analyte Using Chromatographic Enrichment	WO	National	US2015/053951	05 Oct 2015			3M Innovative Properties Company
75894CN004	Devices and Kits for the Propagation or Storage of Microorganisms, and Methods of Making and Using	CN	Grant	201580063919.8	16 Nov 2015	201580063919.8	02 Apr 2021	3M Innovative Properties Company
75894EP005	Devices and Kits for the Propagation or Storage of Microorganisms, and Methods of Making and Using	EP	Publication of application	15802281.4	16 Nov 2015			3M Innovative Properties Company
75894JP006	Devices and Kits for the Propagation or Storage of Microorganisms, and Methods of Making and Using	JP	Grant	2017-545855	16 Nov 2015	67222687	24 Jun 2020	3M Innovative Properties Company
75894US002	Devices and Kits for the Propagation or Storage of Microorganisms, and Methods of Making and Using	US	Expired	62/084070	25 Nov 2014			3M Innovative Properties Company
75894US007	Devices and Kits for the Propagation or Storage of Microorganisms, and Methods of Making and Using	US	Grant	15/519944	16 Nov 2015	10344253	09 Jul 2019	3M Innovative Properties Company
75894WO003	Devices and Kits for the Propagation or Storage of Microorganisms, and Methods of Making and Using	WO	National	US2015/060834	16 Nov 2015			3M Innovative Properties Company
76042BR006	Composition for Reducing Inhibition of Nucleic Acid Amplification	BR	Filing	112017024191-9	09 May 2016			3M Innovative Properties Company

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Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
76042CN007	Composition for Reducing Inhibition of Nucleic Acid Amplification	CN	Grant	201680027257.3	09 May 2016	201680027257.3	07 Sep 2021	3M Innovative Properties Company
76042DE008	Composition for Reducing Inhibition of Nucleic Acid Amplification	DE	Grant	16724561.2	09 May 2016	602016059641.5	23 Jun 2021	3M Innovative Properties Company
76042EP008	Composition for Reducing Inhibition of Nucleic Acid Amplification	EP	Grant	16724561.2	09 May 2016	3294905	23 Jun 2021	3M Innovative Properties Company
76042FR008	Composition for Reducing Inhibition of Nucleic Acid Amplification	FR	Grant	16724561.2	09 May 2016	3294905	23 Jun 2021	3M Innovative Properties Company
76042GB008	Composition for Reducing Inhibition of Nucleic Acid Amplification	GB	Grant	16724561.2	09 May 2016	3294905	23 Jun 2021	3M Innovative Properties Company
76042JP009	Composition for Reducing Inhibition of Nucleic Acid Amplification	JP	Grant	2017-559040	09 May 2016	6785249	28 Oct 2020	3M Innovative Properties Company
76042KR010	Composition for Reducing Inhibition of Nucleic Acid Amplification	KR	Publication of application	10-2017-7035196	09 May 2016			3M Innovative Properties Company
76042US002	Composition for Reducing Inhibition of Nucleic Acid Amplification	US	Expired	62/159733	11 May 2015			3M Innovative Properties Company
76042US003	Composition for Reducing Inhibition of Nucleic Acid Amplification	US	Expired	62/189991	08 Jul 2015			3M Innovative Properties Company
76042US005	Composition for Reducing Inhibition of Nucleic Acid Amplification	US	Grant	15/571885	09 May 2016	10619189	14 Apr 2020	3M Innovative Properties Company
76042WO004	Composition for Reducing Inhibition of Nucleic Acid Amplification	WO	National	US2016/031478	09 May 2016			3M Innovative Properties Company
76054EM004	Handheld Luminometer	EM	Grant	001439210	14 Sep 2015	001439210	16 Oct 2015	3M Innovative Properties Company

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76054GB005	Handheld Luminometer	GB	Grant	9001439210	14 Sep 2015	9001439210	16 Oct 2015	3M Innovative Properties Company
76054JP003	Handheld Luminometer	JP	Grant	2015-020398	14 Sep 2015	1547745	11 Mar 2016	3M Innovative Properties Company
76054US002	Handheld Luminometer	US	Grant	29/520368	13 Mar 2015	D758224	07 Jun 2016	3M Innovative Properties Company
76067DE006	Stand-Up Gusseted Filter Bag	DE	Grant	202016008880.8	06 Apr 2016	202016008880.8	07 May 2020	3M Innovative Properties Company
76067US002	Stand-Up Gusseted Filter Bag	US	Expired	62/144761	08 Apr 2015			3M Innovative Properties Company
76067WO003	Stand-Up Gusseted Filter Bag	WO	National	US2016/026104	06 Apr 2016			3M Innovative Properties Company
76071BR005	Light Detection System and Method of Using Same	BR	Filing	112017019454-6	26 Feb 2016			3M Innovative Properties Company
76071CN006	Light Detection System and Method of Using Same	CN	Publication of application	201680015466.6	26 Feb 2016			3M Innovative Properties Company
76071DE007	Light Detection System	DE	Grant	16711400.8	26 Feb 2016	602016070468.4	30 Mar 2022	3M Innovative Properties Company
76071EP007	Light Detection System	EP	Grant	16711400.8	26 Feb 2016	3268721	30 Mar 2022	3M Innovative Properties Company
76071ES007	Light Detection System	ES	Grant	16711400.8	26 Feb 2016	3268721	30 Mar 2022	3M Innovative Properties Company
76071FR007	Light Detection System	FR	Grant	16711400.8	26 Feb 2016	3268721	30 Mar 2022	3M Innovative Properties Company

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76071GB007	Light Detection System	GB	Grant	16711400.8	26 Feb 2016	3268721	30 Mar 2022	3M Innovative Properties Company
76071JP008	Light Detection System and Method of Using Same	JP	Grant	2017-548162	26 Feb 2016	6865173	07 Apr 2021	3M Innovative Properties Company
76071JP011	Light Detection System and Method of Using Same	JP	Grant	2020-203116	08 Dec 2020	7128252	22 Aug 2022	3M Innovative Properties Company
76071KR009	Light Detection System and Method of Using Same	KR	Publication of application	10-2017-7028120	26 Feb 2016			3M Innovative Properties Company
76071US002	Light Detection System and Method of Using Same	US	Expired	62/132794	13 Mar 2015			3M Innovative Properties Company
76071US004	Light Detection System and Method of Using Same	US	Grant	15/557901	26 Feb 2016	10488249	26 Nov 2019	3M Innovative Properties Company
76071US010	Light Detection System and Method of Using Same	US	Grant	16/600708	14 Oct 2019	11022483	01 Jun 2021	3M Innovative Properties Company
76071WO003	Light Detection System and Method of Using Same	WO	National	US2016/019695	26 Feb 2016			3M Innovative Properties Company
76072BR005	Light Detection System and Method of Using Same	BR	Grant	112017019443-0	03 Mar 2016	112017019443-0	30 Mar 2021	3M Innovative Properties Company
76072CN006	Light Detection System and Method of Using Same	CN	Grant	201680015483.X	03 Mar 2016	201680015483.X	20 Aug 2020	3M Innovative Properties Company
76072EP007	Light Detection System and Method of Using Same	EP	Publication of application	16711427.1	03 Mar 2016			3M Innovative Properties Company
76072JP008	Light Detection System and Method of Using Same	JP	Grant	2017-548164	03 Mar 2016	6758783	04 Sep 2020	3M Innovative Properties Company

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76072KKR009	Light Detection System and Method of Using Same	KR	Publication of application	10-2017-7028132	03 Mar 2016			3M Innovative Properties Company
76072US002	Light Detection System and Method of Using Same	US	Expired	62/132790	13 Mar 2015			3M Innovative Properties Company
76072US004	Light Detection System and Method of Using Same	US	Grant	15/557904	03 Mar 2016	10613038	07 Apr 2020	3M Innovative Properties Company
76072US010	Light Detection System and Method of Using Same	US	Grant	16/785849	10 Feb 2020	11022564	01 Jun 2021	3M Innovative Properties Company
76072WO003	Light Detection System and Method of Using Same	WO	National	US2016/020548	03 Mar 2016			3M Innovative Properties Company
76073BR005	Light Detection System and Method of Using Same	BR	Grant	112017018988.7	10 Mar 2016	112017018988.7	04 May 2021	3M Innovative Properties Company
76073CN006	Light Detection System and Method of Using Same	CN	Grant	201680015227.0	10 Mar 2016	201680015227.0	04 Jun 2020	3M Innovative Properties Company
76073DE007	Light Detection Device And System	DE	Grant	16711095.6	10 Mar 2016	602016023279.0	30 Oct 2019	3M Innovative Properties Company
76073EP007	Light Detection Device And System	EP	Grant	16711095.6	10 Mar 2016	3268722	30 Oct 2019	3M Innovative Properties Company
76073FR007	Light Detection Device And System	FR	Grant	16711095.6	10 Mar 2016	3268722	30 Oct 2019	3M Innovative Properties Company
76073JP008	Light Detection System and Method of Using Same	JP	Grant	2017-548146	10 Mar 2016	6807323	09 Dec 2020	3M Innovative Properties Company
76073KR009	Light Detection System and Method of Using Same	KR	Publication of application	10-2017-7028138	10 Mar 2016			3M Innovative Properties Company

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76073US002	Light Detection System and Method of Using Same	US	Expired	62/132774	13 Mar 2015			3M Innovative Properties Company
76073US004	Light Detection System and Method of Using Same	US	Grant	15/557908	10 Mar 2016	10422753	24 Sep 2019	3M Innovative Properties Company
76073WO003	Light Detection System and Method of Using Same	WO	National	US2016/021673	10 Mar 2016			3M Innovative Properties Company
76271EM004	Handheld Luminometer	EM	Grant	001439244	14 Sep 2015	001439244	16 Oct 2015	3M Innovative Properties Company
76271GB005	Handheld Luminometer	GB	Grant	9001439244	14 Sep 2015	9001439244	16 Oct 2015	3M Innovative Properties Company
76271JP003	Handheld Luminometer	JP	Grant	2015-020399	14 Sep 2015	1542868	25 Dec 2015	3M Innovative Properties Company
76271US002	Handheld Luminometer	US	Grant	29/520388	13 Mar 2015	D759520	21 Jun 2016	3M Innovative Properties Company
76400BR005	Culture Device for Lactic Acid Bacteria	BR	Grant	112017023081-0	26 Apr 2016	112017023081-0	01 Feb 2022	3M Innovative Properties Company
76400CN006	Culture Device for Lactic Acid Bacteria	CN	Grant	201680024351.3	26 Apr 2016	201680024351.3	28 Dec 2018	3M Innovative Properties Company
76400DE007	Culture Device for Lactic Acid Bacteria	DE	Grant	16724157.9	26 Apr 2016	602016014321.6	22 May 2019	3M Innovative Properties Company
76400EP007	Culture Device for Lactic Acid Bacteria	EP	Grant	16724157.9	26 Apr 2016	3289060	22 May 2019	3M Innovative Properties Company
76400FR007	Culture Device for Lactic Acid Bacteria	FR	Grant	16724157.9	26 Apr 2016	3289060	22 May 2019	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
76400GB007	Culture Device for Lactic Acid Bacteria	GB	Grant	16724157.9	26 Apr 2016	3289060	22 May 2019	3M Innovative Properties Company
76400JP008	Culture Device for Lactic Acid Bacteria	JP	Grant	2017-556552	26 Apr 2016	6448818	14 Dec 2018	3M Innovative Properties Company
76400KR009	Culture Device for Lactic Acid Bacteria	KR	Grant	10-2017-7033922	26 Apr 2016	10-1903642	21 Sep 2018	3M Innovative Properties Company
76400US002	Culture Device for Lactic Acid Bacteria	US	Expired	62/154312	29 Apr 2015			3M Innovative Properties Company
76400US004	Culture Device for Lactic Acid Bacteria	US	Grant	15/569579	26 Apr 2016	10995356	04 May 2021	3M Innovative Properties Company
76400WO003	Culture Device for Lactic Acid Bacteria	WO	National	US2016/029303	26 Apr 2016			3M Innovative Properties Company
76451BR005	Culture Device for Anaerobic Microorganisms	BR	Grant	112017023011-9	26 Apr 2016	112017023011-9	05 Apr 2022	3M Innovative Properties Company
76451CN006	Culture Device for Anaerobic Microorganisms	CN	Publication of application	201680024743.X	26 Apr 2016			3M Innovative Properties Company
76451EP007	Culture Device for Anaerobic Microorganisms	EP	Publication of application	16725259.2	26 Apr 2016			3M Innovative Properties Company
76451JP008	Culture Device for Anaerobic Microorganisms	JP	Grant	2017-556553	26 Apr 2016	6920212	28 Jul 2021	3M Innovative Properties Company
76451KR009	Culture Device for Anaerobic Microorganisms	KR	Publication of application	10-2017-7032942	26 Apr 2016			3M Innovative Properties Company
76451US002	Culture Device for Anaerobic Microorganisms	US	Expired	62/154299	29 Apr 2015			3M Innovative Properties Company

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76451WO003	Culture Device for Anaerobic Microorganisms	WO	National	US2016/029306	26 Apr 2016			3M Innovative Properties Company
76470BR005	Thin Film Culture Device with Carbon Dioxide Generant	BR	Grant	112017023140-9	26 Apr 2016	112017023140-9	19 Oct 2021	3M Innovative Properties Company
76470CN006	Thin Film Culture Device with Carbon Dioxide Generant	CN	Publication of application	201680024208.4	26 Apr 2016			3M Innovative Properties Company
76470CN011	Thin Film Culture Device with Carbon Dioxide Generant	CN	Publication of application	202110295388.2	19 Mar 2021			3M Innovative Properties Company
76470DE007	Thin Film Culture Device with Carbon Dioxide Generant	DE	Grant	16724158.7	26 Apr 2016	602016014322.4	22 May 2019	3M Innovative Properties Company
76470EP007	Thin Film Culture Device with Carbon Dioxide Generant	EP	Grant	16724158.7	26 Apr 2016	3289061	22 May 2019	3M Innovative Properties Company
76470FR007	Thin Film Culture Device with Carbon Dioxide Generant	FR	Grant	16724158.7	26 Apr 2016	3289061	22 May 2019	3M Innovative Properties Company
76470GB007	Thin Film Culture Device with Carbon Dioxide Generant	GB	Grant	16724158.7	26 Apr 2016	3289061	22 May 2019	3M Innovative Properties Company
76470JP008	Thin Film Culture Device with Carbon Dioxide Generant	JP	Grant	2017-556570	26 Apr 2016	6452853	21 Dec 2018	3M Innovative Properties Company
76470KR009	Thin Film Culture Device with Carbon Dioxide Generant	KR	Grant	10-2017-7033171	26 Apr 2016	10-1961238	18 Mar 2019	3M Innovative Properties Company
76470US002	Thin Film Culture Device with Carbon Dioxide Generant	US	Expired	62/154303	29 Apr 2015			3M Innovative Properties Company
76470US004	Thin Film Culture Device with Carbon Dioxide Generant	US	Grant	15/569451	26 Apr 2016	10723992	28 Jul 2020	3M Innovative Properties Company

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76470WO003	Thin Film Culture Device with Carbon Dioxide Generant	WO	National	US2016/029309	26 Apr 2016			3M Innovative Properties Company
76750CN005	Method of Enriching and Detecting a Target Microorganism	CN	Publication of application	201680051141.3	29 Aug 2016			3M Innovative Properties Company
76750US002	Method of Enriching and Detecting a Target Microorganism	US	Expired	62/213885	03 Sep 2015			3M Innovative Properties Company
76750WO003	Method of Enriching and Detecting a Target Microorganism	WO	National	US2016/049182	29 Aug 2016			3M Innovative Properties Company
77308CN005	Method of Enumerating Coliform Colonies	CN	Publication of application	201680071402.8	06 Dec 2016			3M Innovative Properties Company
77308EP006	Method of Enumerating Coliform Colonies	EP	Grant	16820403.0	06 Dec 2016	3387144	25 Mar 2020	3M Innovative Properties Company
77308FR006	Method of Enumerating Coliform Colonies	FR	Grant	16820403.0	06 Dec 2016	3387144	25 Mar 2020	3M Innovative Properties Company
77308JP007	Method of Enumerating Coliform Colonies	JP	Allowed	2018-549134	06 Dec 2016			3M Innovative Properties Company
77308JP008	Method of Enumerating Coliform Colonies	JP	Publication of application	2021-113207	08 Jul 2021			3M Innovative Properties Company
77308US002	Method of Enumerating Coliform Colonies	US	Expired	62/263932	07 Dec 2015			3M Innovative Properties Company
77308US004	Method of Enumerating Coliform Colonies	US	Grant	15/781547	06 Dec 2016	10662460	26 May 2020	3M Innovative Properties Company
77308WO003	Method of Enumerating Coliform Colonies	WO	National	US2016/065044	06 Dec 2016			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
77331IDE006	Apparatus and Method for Dispensing Microorganism Culture Plates	DE	Grant	16819214.4	22 Nov 2016	602016069666.5	02 Mar 2022	3M Innovative Properties Company
77331EP006	Apparatus and Method for Dispensing Microorganism Culture Plates	EP	Grant	16819214.4	22 Nov 2016	3387106	02 Mar 2022	3M Innovative Properties Company
77331JP005	Apparatus and Method for Dispensing Microorganism Culture Plates	JP	Grant	2018-529212	22 Nov 2016	6876698	28 Apr 2021	3M Innovative Properties Company
77331US002	Apparatus and Method for Dispensing Microorganism Culture Plates	US	Expired	62/263921	07 Dec 2015			3M Innovative Properties Company
77331US004	Apparatus and Method for Dispensing Microorganism Culture Plates	US	Grant	15/781562	22 Nov 2016	11078035	03 Aug 2021	3M Innovative Properties Company
77331WO003	Apparatus and Method for Dispensing Microorganism Culture Plates	WO	National	US2016/063237	22 Nov 2016			3M Innovative Properties Company
77512BR005	Process for Cell Lysis and Nucleic Acid Amplification	BR	Filing	112018069624-2	24 Mar 2017			3M Innovative Properties Company
77512CN006	Process for Cell Lysis and Nucleic Acid Amplification	CN	Publication of application	201780022472.9	24 Mar 2017			3M Innovative Properties Company
77512DE007	Process for Cell Lysis and Nucleic Acid Amplification	DE	Grant	17719745.6	24 Mar 2017	602017029975.8	23 Dec 2020	3M Innovative Properties Company
77512EP007	Process for Cell Lysis and Nucleic Acid Amplification	EP	Grant	17719745.6	24 Mar 2017	3440223	23 Dec 2020	3M Innovative Properties Company
77512FR007	Process for Cell Lysis and Nucleic Acid Amplification	FR	Grant	17719745.6	24 Mar 2017	3440223	23 Dec 2020	3M Innovative Properties Company
77512IN008	Process for Cell Lysis and Nucleic Acid Amplification	IN	Grant	201847037719	24 Mar 2017	393881	31 Mar 2022	3M Innovative Properties Company

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77512JP009	Process for Cell Lysis and Nucleic Acid Amplification	JP	Grant	2018-552671	24 Mar 2017	6979409	17 Nov 2021	3M Innovative Properties Company
77512US002	Process for Cell Lysis and Nucleic Acid Amplification	US	Expired	62/319876	08 Apr 2016			3M Innovative Properties Company
77512US004	Process for Cell Lysis and Nucleic Acid Amplification	US	Grant	16/087750	24 Mar 2017	11168352	09 Nov 2021	3M Innovative Properties Company
77512WO003	Process for Cell Lysis and Nucleic Acid Amplification	WO	National	PCT/US2017/023951	24 Mar 2017			3M Innovative Properties Company
78526BR003	Cap for a Container	BR	Grant	302017000325.7	27 Jan 2017	302017000325.7	30 Oct 2018	3M Innovative Properties Company
78526BR008	Cap for a Container	BR	Grant	302017000324.9	27 Jan 2017	302017000324-9	03 Jul 2018	3M Innovative Properties Company
78526BR009	Cap for a Container	BR	Grant	302017000326.5	27 Feb 2017	302017000326-5	13 Nov 2018	3M Innovative Properties Company
78526BR010	Cap for a Container	BR	Grant	302017000340.0	27 Jan 2017	302017000340-0	13 Nov 2018	3M Innovative Properties Company
78526CN004	Cap for a Container	CN	Grant	201730030281.X	25 Jan 2017	201730030281.X	08 Sep 2017	3M Innovative Properties Company
78526EM007	Cap for a Container	EM	Grant	1456115-0001	23 Jan 2017	001456115-0001	07 Feb 2017	3M Innovative Properties Company
78526EM019	Cap for a Container	EM	Grant	1456115-0002	23 Jan 2017	001456115-0002	07 Feb 2017	3M Innovative Properties Company
78526EM020	Cap for a Container	EM	Grant	1456115-0003	23 Jan 2017	001456115-0003	07 Feb 2017	3M Innovative Properties Company

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78526GB018	Cap for a Container	GB	Grant	9001456115-0001	23 Jan 2017	9001456115-0001	07 Feb 2017	3M Innovative Properties Company
78526GB021	Cap for a Container	GB	Grant	9001456115-0002	23 Jan 2017	9001456115-0002	07 Feb 2017	3M Innovative Properties Company
78526GB022	Cap for a Container	GB	Grant	9001456115-0003	23 Jan 2017	9001456115-0003	07 Feb 2017	3M Innovative Properties Company
78526JP005	Cap for a Container	JP	Grant	2017-001464	27 Jan 2017	1596737	12 Jan 2018	3M Innovative Properties Company
78526JP014	Cap for a Container	JP	Grant	2017-026456	28 Nov 2017	1615903	21 Sep 2018	3M Innovative Properties Company
78526JP015	Cap for a Container	JP	Grant	2018-015116	09 Jul 2018	1622575	21 Dec 2018	3M Innovative Properties Company
78526KR006	Cap for a Container	KR	Grant	30-2017-0004527 M001	26 Jan 2017	30-0922970-0001	22 Nov 2017	3M Innovative Properties Company
78526KR011	Cap for a Container	KR	Grant	30-2017-0004527 M002	26 Jan 2017	30-0922970-0002	07 Sep 2017	3M Innovative Properties Company
78526KR012	Cap for a Container	KR	Grant	30-2017-0004527 M003	26 Jan 2017	30-0922970-0003	22 Nov 2017	3M Innovative Properties Company
78526US002	Cap for a Container	US	Grant	29/572732	29 Jul 2016	D812474	13 Mar 2018	3M Innovative Properties Company
78526US013	Cap for a Container	US	Grant	29/627060	22 Nov 2017	D838166	15 Jan 2019	3M Innovative Properties Company
78526US016	Cap for a Container	US	Grant	29/670436	15 Nov 2018	D876237	25 Feb 2020	3M Innovative Properties Company

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78927CN004	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	CN	Publication of application	201780081026.5	22 Dec 2017			3M Innovative Properties Company
78927DE005	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	DE	Grant	17832160.0	22 Dec 2017	602017045361.7	01 Sep 2021	3M Innovative Properties Company
78927EP005	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	EP	Grant	17832160.0	22 Dec 2017	3562930	01 Sep 2021	3M Innovative Properties Company
78927JP006	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	JP	Grant	2019-535353	22 Dec 2017	7088602	13 Jun 2022	3M Innovative Properties Company
78927US002	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	US	Expired	62/439671	28 Dec 2016			3M Innovative Properties Company
78927US007	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	US	Grant	16/461397	22 Dec 2017	11408023	09 Aug 2022	3M Innovative Properties Company
78927WO003	Microbial Detection Devices Including Adhesive Masked Nutrients and Methods of Using the Same	WO	National	US2017/068213	22 Dec 2017			3M Innovative Properties Company
78928CN004	Microbial Detection Devices and Methods of Using the Same	CN	Publication of application	201780081010.4	22 Dec 2017			3M Innovative Properties Company
78928EP005	Microbial Detection Devices and Methods of Using the Same	EP	Publication of application	17887969.8	22 Dec 2017			3M Innovative Properties Company
78928JP006	Microbial Detection Devices and Methods of Using the Same	JP	Publication of application	2019-535264	22 Dec 2017			3M Innovative Properties Company

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78928US002	Microbial Detection Devices and Methods of Using the Same	US	Expired	62/439676	28 Dec 2016			3M Innovative Properties Company
78928US007	Microbial Detection Devices and Methods of Using the Same	US	Publication of application	16/461392	22 Dec 2017			3M Innovative Properties Company
78928WO003	Microbial Detection Devices and Methods of Using the Same	WO	National	US2017/068233	22 Dec 2017			3M Innovative Properties Company
79315CN006	Rapid Detection of E. Coli in A Thin Film Culture Device	CN	Publication of application	201880022771.7	02 Apr 2018			3M Innovative Properties Company
79315CN011	Rapid Detection of E. Coli in A Thin Film Culture Device	CN	Publication of application	201880022738.4	02 Apr 2018			3M Innovative Properties Company
79315DE007	Rapid Detection of E. Coli in A Thin Film Culture Device	DE	Grant	18720694.1	02 Apr 2018	3607083	10 Nov 2021	3M Innovative Properties Company
79315EP007	Rapid Detection of E. Coli in A Thin Film Culture Device	EP	Grant	18720694.1	02 Apr 2018	3607083	10 Nov 2021	3M Innovative Properties Company
79315EP012	Rapid Detection of E. Coli in A Thin Film Culture Device	EP	Publication of application	18720693.3	02 Apr 2018			3M Innovative Properties Company
79315ES007	Rapid Detection of E. Coli in A Thin Film Culture Device	ES	Grant	18720694.1	02 Apr 2018	3607083	10 Nov 2021	3M Innovative Properties Company
79315FR007	Rapid Detection of E. Coli in A Thin Film Culture Device	FR	Grant	18720694.1	02 Apr 2018	3607083	10 Nov 2021	3M Innovative Properties Company
79315GB007	Rapid Detection of E. Coli in A Thin Film Culture Device	GB	Grant	18720694.1	02 Apr 2018	3607083	10 Nov 2021	3M Innovative Properties Company
79315JP008	Rapid Detection of E. Coli in A Thin Film Culture Device	JP	Grant	2020-502536	02 Apr 2018	7125975	17 Aug 2022	3M Innovative Properties Company

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79315JP013	Rapid Detection of E. Coli in A Thin Film Culture Device	JP	Publication of application	2020-502535	02 Apr 2018			3M Innovative Properties Company
79315US002	Rapid Detection of E. Coli in A Thin Film Culture Device	US	Expired	62/480630	03 Apr 2017			3M Innovative Properties Company
79315US003	Rapid Detection of E. Coli in A Thin Film Culture Device	US	Expired	62/480633	03 Apr 2017			3M Innovative Properties Company
79315US009	Rapid Detection of E. Coli in A Thin Film Culture Device	US	Publication of application	16/492687	02 Apr 2018			3M Innovative Properties Company
79315US010	Rapid Detection of E. Coli in a Thin Film Culture Device	US	Grant	16/492715	02 Apr 2018	11319573	03 May 2022	3M Innovative Properties Company
79315WO004	Rapid Detection of E. Coli in A Thin Film Culture Device	WO	National	US2018/025636	02 Apr 2018			3M Innovative Properties Company
79315WO005	Rapid Detection of E. Coli in A Thin Film Culture Device	WO	National	US2018/025641	02 Apr 2018			3M Innovative Properties Company
80005US002	Enrichment Supplement for Antimicrobial Matrices	US	Expired	62/687449	20 Jun 2018			3M Innovative Properties Company
80005CN005	Enrichment Supplement for Antimicrobial Matrices	CN	Publication of application	201980045850.4	13 Jun 2019			3M Innovative Properties Company
80005EP006	Enrichment Supplement for Antimicrobial Matrices	EP	Publication of application	19755676.4	13 Jun 2019			3M Innovative Properties Company
80005JP007	Enrichment Supplement for Antimicrobial Matrices	JP	Publication of application	2020-570959	13 Jun 2019			3M Innovative Properties Company
80005US004	Enrichment Supplement for Antimicrobial Matrices	US	Publication of application	17/252401	13 Jun 2019			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
80005WO003	Enrichment Supplement for Antimicrobial Matrices	WO	National	IB2019/054966	13 Jun 2019			3M Innovative Properties Company
80442CN005	Water-Reconstitutable Culture Medium Resistant to Liquefaction by Microorganisms	CN	Publication of application	201880080398.0	12 Dec 2018			3M Innovative Properties Company
80442EP006	Water-Reconstitutable Culture Medium Resistant to Liquefaction by Microorganisms	EP	Publication of application	18836630.6	12 Dec 2018			3M Innovative Properties Company
80442JP007	Water-Reconstitutable Culture Medium Resistant to Liquefaction by Microorganisms	JP	Publication of application	2020-532797	12 Dec 2018			3M Innovative Properties Company
80442US002	Water-Reconstitutable Culture Medium Resistant to Liquefaction by Microorganisms	US	Expired	62/597961	13 Dec 2017			3M Innovative Properties Company
80442US004	Water-Reconstitutable Culture Medium Resistant to Liquefaction by Microorganisms	US	Publication of application	16/771866	12 Dec 2018			3M Innovative Properties Company
80442WO003	Water-Reconstitutable Culture Medium Resistant to Liquefaction by Microorganisms	WO	National	IB2018/059939	12 Dec 2018			3M Innovative Properties Company
80641CN005	Culture and/or Enumeration of Hiochi and Hiochi-Natured Bacteria and Kits Useful for the Same	CN	Publication of application	201980043735.3	25 Jun 2019			3M Innovative Properties Company
80641JP007	Culture and/or Enumeration of Hiochi and Hiochi-Natured Bacteria and Kits Useful for the Same	JP	Publication of application	2020-573026	25 Jun 2019			3M Innovative Properties Company

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Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
80641US002	Culture and/or Enumeration of Hiochi and Hiochi-Natured Bacteria and Kits Useful for the Same	US	Expired	62/691754	29 Jun 2018			3M Innovative Properties Company
80641WO003	Culture and/or Enumeration of Hiochi and Hiochi-Natured Bacteria and Kits Useful for the Same	WO	National	IB2019/055339	25 Jun 2019			3M Innovative Properties Company
80664CN005	Titanium-Aluminum-Zirconium Metal Oxides	CN	Publication of application	IB2019/055527	28 Jun 2019			3M Innovative Properties Company
80664EP006	Titanium-Aluminum-Zirconium Metal Oxides	EP	Grant	19770171.7	28 Jun 2019	3820303	31 Aug 2022	3M Innovative Properties Company
80664JP007	Titanium-Aluminum-Zirconium Metal Oxides	JP	Grant	2021-500641	28 Jun 2019	7115720	01 Aug 2022	3M Innovative Properties Company
80664US002	Titanium-Aluminum-Zirconium Metal Oxides	US	Expired	62/695292	09 Jul 2018			3M Innovative Properties Company
80664US004	Titanium-Aluminum-Zirconium Metal Oxides	US	Publication of application	17/258204	28 Jun 2019			3M Innovative Properties Company
80664WO003	Titanium-Aluminum-Zirconium Metal Oxides	WO	National	IB2019/055527	28 Jun 2019			3M Innovative Properties Company
PA80664DE09	Titanium-Aluminum-Zirconium Metal Oxides	DE	Grant	19770171.7	28 Jun 2019	60 2019 019 038.7	31 Aug 2022	3M Innovative Properties Company
PA80664FR08	Titanium-Aluminum-Zirconium Metal Oxides	FR	Grant	19770171.7	28 Jun 2019	3820303	31 Aug 2022	3M Innovative Properties Company
808100CN005	Assay	CN	Publication of application	201980046859.7	10 Jul 2019			3M Innovative Properties Company

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80810EP006	Assay	EP	Publication of application	19770177.4	10 Jul 2019			3M Innovative Properties Company
80810JP007	Assay	JP	Publication of application	2021-500951	10 Jul 2019			3M Innovative Properties Company
80810US002	Assay	US	Expired	62/697514	13 Jul 2018			3M Innovative Properties Company
80810US004	Assay	US	Publication of application	17/258576	10 Jul 2019			3M Innovative Properties Company
80810WO003	Assay	WO	National	IB2019/055896	10 Jul 2019			3M Innovative Properties Company
80821CN005	Specific Binding Chemiluminescent Assay	CN	Grant	201980046800.8	10 Jul 2019	ZL2019800468008	15 Apr 2022	3M Innovative Properties Company
80821DE006	Specific Binding Chemiluminescent Assay	DE	Grant	19772843.9	10 Jul 2019	602019016525.0	29 Jun 2022	3M Innovative Properties Company
80821EP006	Specific Binding Chemiluminescent Assay	EP	Grant	19772843.9	10 Jul 2019	3821249	29 Jun 2022	3M Innovative Properties Company
80821JP007	Specific Binding Chemiluminescent Assay	JP	Grant	2021-500936	10 Jul 2019	7055975	11 Apr 2022	3M Innovative Properties Company
80821US002	Specific Binding Chemiluminescent Assay	US	Expired	62/697521	13 Jul 2018			3M Innovative Properties Company
80821US004	Specific Binding Chemiluminescent Assay	US	Grant	17/258568	10 Jul 2019	11320424	03 May 2022	3M Innovative Properties Company
80821WO003	Specific Binding Chemiluminescent Assay	WO	National	IB2019/055895	10 Jul 2019			3M Innovative Properties Company

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81385CN005	System and Method for Detecting Inhibition of a Biological Assay	CN	Published	IB2020/054617	15 May 2020			3M Innovative Properties Company
81385EP006	System and Method for Detecting Inhibition of a Biological Assay	EP	Published	20727388.9	15 May 2020			3M Innovative Properties Company
81385US003	System and Method for Detecting Inhibition of a Biological Assay	US	Expired	62/850198	20 May 2019			3M Innovative Properties Company
81385US007	System and Method for Detecting Inhibition of a Biological Assay	US	Published	17/612037	17 Nov 2021			3M Innovative Properties Company
81385WO004	System and Method for Detecting Inhibition of a Biological Assay	WO	Expired	IB2020/054617	15 May 2020			3M Innovative Properties Company
81651CN004	Device for Growing Microorganisms	CN	Publication of application	202080039421.9	29 May 2020			3M Innovative Properties Company
81651EP005	Device for Growing Microorganisms	EP	Publication of application	20731223.2	29 May 2020			3M Innovative Properties Company
81651JP006	Device for Growing Microorganisms	JP	Filing	2021-576797	29 May 2020			3M Innovative Properties Company
81651US002	Device for Growing Microorganisms	US	Expired	62/866380	25 Jun 2019			3M Innovative Properties Company
81651US007	Device for Growing Microorganisms	US	Published	17/610670	11 Nov 2021			3M Innovative Properties Company
81651WO003	Device for Growing Microorganisms	WO	National	IB2020/055126	29 May 2020			3M Innovative Properties Company
81654US002	Compositions and Methods of Detecting Analytes	US	Expired	62/906135	26 Sep 2019			3M Innovative Properties Company

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Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
81654US005	Compositions and Methods of Detecting Analytes	US	Application	17/762945	24 Sep 2020			3M Innovative Properties Company
81654WO003	Compositions and Methods of Detecting Analytes	WO	Publication of application	IB2020/058951	24 Sep 2020			3M Innovative Properties Company
81656JP002	Hygiene Management System, Program, and Identification Code	JP	Publication of application	2019-057140	25 Mar 2019			3M Innovative Properties Company
81683CN007	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin-Producing E. coli (STEC) Detection	CN	Publication of application	IB2020/050153	09 Jan 2020			3M Innovative Properties Company
81683EP008	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin-Producing E. coli (STEC) Detection	EP	Publication of application	20702351.6	09 Jan 2020			3M Innovative Properties Company
81683US002	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin-Producing E. coli (STEC) Detection	US	Expired	62/792361	14 Jan 2019			3M Innovative Properties Company
81683US003	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin-Producing E. coli (STEC) Detection	US	Expired	62/792670	15 Jan 2019			3M Innovative Properties Company
81683US004	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin-Producing E. coli (STEC) Detection	US	Expired	62/847456	14 May 2019			3M Innovative Properties Company
81683US006	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin Producing E. coli (STEC) Detection	US	Filing	17/422553	09 Jan 2020			3M Innovative Properties Company
81683WO005	Loop-Mediated Isothermal Amplification Primers for Shiga Toxin-Producing E. coli (STEC) Detection	WO	National	IB2020/050153	09 Jan 2020			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
81755CN005	Machine Learning Quantification of Target Organisms Using Nucleic Acid Amplification Assays	CN	Publication of application	202080015454.X	27 Jan 2020			3M Innovative Properties Company
81755EP006	Machine Learning Quantification of Target Organisms Using Nucleic Acid Amplification Assays	EP	Publication of application	20703295.4	27 Jan 2020			3M Innovative Properties Company
81755US002	Machine Learning Quantification of Target Organisms Using Nucleic Acid Amplification Assays	US	Expired	62/809199	22 Feb 2019			3M Innovative Properties Company
81755US003	Machine Learning Quantification of Target Organisms Using Nucleic Acid Amplification Assays	US	Expired	62/850136	20 May 2019			3M Innovative Properties Company
81755US007	Machine Learning Quantification of Target Organisms Using Nucleic Acid Amplification Assays	US	Published	17/431196	27 Jan 2020			3M Innovative Properties Company
81755WO004	Machine Learning Quantification of Target Organisms Using Nucleic Acid Amplification Assays	WO	National	IB2020/050607	27 Jan 2020			3M Innovative Properties Company
81862US002	Deactivation Solution Useable for Microorganism Detection	US	Expired	62/958793	09 Jan 2020			3M Innovative Properties Company
81862US004	Deactivation Solution Useable for Microorganism Detection	US	Application	17/790527	04 Jan 2021			3M Innovative Properties Company
81862WO003	Deactivation Solution Useable for Microorganism Detection	WO	Publication of application	IB2021/050019	04 Jan 2021			3M Innovative Properties Company
81863EP005	Article Useable for Sampling Surfaces for Microorganisms and Methods of Use	EP	Published	20760933	17 Aug 2020			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
81863JP006	Article Useable for Sampling Surfaces for Microorganisms and Methods of Use	JP	Application	2022-510875	17 Aug 2020			3M Innovative Properties Company
81863US002	Article Useable for Sampling Surfaces for Microorganisms and Methods of Use	US	Expired	62/889702	21 Aug 2019			3M Innovative Properties Company
81863US004	Article Useable for Sampling Surfaces for Microorganisms and Methods of Use	US	Application	17/634476	17 Aug 2020			3M Innovative Properties Company
81863WO003	Article Useable for Sampling Surfaces for Microorganisms and Methods of Use	US	Expired	IB2020/057748	17 Aug 2020			3M Innovative Properties Company
82104EP005	Articles, Systems, and Methods for Liquid Transfer and Automated Inoculation	EP	Published	20744119.7	23 Jun 2020			3M Innovative Properties Company
82104US002	Articles, Systems, and Methods for Liquid Transfer and Automated Inoculation	US	Expired	62/867413	27 Jun 2019			3M Innovative Properties Company
82104US004	Articles, Systems, and Methods for Liquid Transfer and Automated Inoculation	US	Published	17/617073	07 Dec 2021			3M Innovative Properties Company
82104WO003	Articles, Systems, and Methods for Liquid Transfer and Automated Inoculation	WO	Expired	IB2020/055936	23 Jun 2020			3M Innovative Properties Company
82115EM003	Trays (part of -)	EM	Grant	007407952	16 Dec 2019	007407952	03 Mar 2020	3M Innovative Properties Company
82115GB004	Trays (part of -)	GB	Grant	9007407952	16 Dec 2019	9007407952	03 Mar 2020	3M Innovative Properties Company
82115US002	Tray for Holding Vessels	US	Grant	29/697357	08 Jul 2019	D934447	26 Oct 2021	3M Innovative Properties Company
82116EM003	Tray for Holding Vessels	EM	Grant	007410394	17 Dec 2019	007410394	24 Jan 2020	3M Innovative Properties Company

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82116GB004	Tray for Holding Vessels	GB	Grant	9007410394	17 Dec 2019	9007410394	24 Jan 2020	3M Innovative Properties Company
82116US002	Tray for Holding Vessels	US	Grant	29/697361	08 Jul 2019	D921221	01 Jun 2021	3M Innovative Properties Company
82348CN005	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	CN	Application	202180009039.8	08 Feb 2021			3M Innovative Properties Company
82348EP006	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	EP	Application	21704952.7	08 Feb 2021			3M Innovative Properties Company
82348JP007	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	JP	Application	2022-545987	08 Feb 2021			3M Innovative Properties Company
82348US002	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	US	Expired	62/976701	14 Feb 2020			3M Innovative Properties Company
82348US004	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	US	Expired	63/048717	07 Jul 2020			3M Innovative Properties Company
82348US008	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	US	Application	17/758719	08 Feb 2021			3M Innovative Properties Company
82348WO003	Culture Device Containing Oxygen Sensitive Lumiphore and Methods of Using	WO	Publication of application	IB2021/051010	08 Feb 2021			3M Innovative Properties Company
82717JP002	Sanitary Control System, Sanitary Control Method, and Sanitary Control Program	JP	Published	2020-093360	28 May 2020			3M Innovative Properties Company
82717CN004	Hygiene Management System, Hygiene Management Method, and Hygiene Management Program	CN	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82717EP005	Hygiene Management System, Hygiene Management Method, and Hygiene Management Method	EP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
	and Hygiene Management Program							
82717JP006	Hygiene Management System, Hygiene Management Method, and Hygiene Management Program	JP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82717US007	Hygiene Management System, Hygiene Management Method, and Hygiene Management Program	US	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82717WO003	Hygiene Management System, Hygiene Management Method, and Hygiene Management Program	WO	Publication of application	IB2021/054490	24 May 2021			3M Innovative Properties Company
82721CN005	Loop-Mediated Isothermal Amplification Primers for Vibrio Parahaemolyticus Detection and Uses Thereof	CN	Application	not yet provided by CN agent	16 Feb 2021			3M Innovative Properties Company
82721EP006	Loop-Mediated Isothermal Amplification Primers for Vibrio Parahaemolyticus Detection and Uses Thereof	EP	Application	21707031.7	16 Feb 2021			3M Innovative Properties Company
82721JP007	Loop-Mediated Isothermal Amplification Primers for Vibrio Parahaemolyticus Detection and Uses Thereof	JP	Application	2022-549113	16 Feb 2021			3M Innovative Properties Company
82721US002	Loop-Mediated Isothermal Amplification Primers for Vibrio Parahaemolyticus Detection and Uses Thereof	US	Expired	62/977586	17 Feb 2020			3M Innovative Properties Company
82721US004	Loop-Mediated Isothermal Amplification Primers for Vibrio Parahaemolyticus Detection and Uses Thereof	US	Application	17/760308	16 Feb 2021			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
82721WO003	Loop-Mediated Isothermal Amplification Primers for Vibrio Parahaemolyticus Detection and Uses Thereof	WO	Publication of application	IB2021/051293	16 Feb 2021			3M Innovative Properties Company
82842US002	Device for Growing Microorganisms	US	Expired	62/705275	19 Jun 2020			3M Innovative Properties Company
82842US004	Device for Growing Microorganisms	US	Expired	63/185645	07 May 2021			3M Innovative Properties Company
82842WO003	Device for Growing Microorganisms	WO	Published	IB2021/055122	10 Jun 2021			3M Innovative Properties Company
82878BR004	Microorganic Detection System with Worklists	BR	To Be Filed by 01 SEP 2022					
82878CN005	Microorganic Detection System with Worklists	CN	To Be Filed by 01 SEP 2022					
82878EP006	Microorganic Detection System with Worklists	EP	To Be Filed by 01 SEP 2022					
82878JP007	Microorganic Detection System with Worklists	JP	To Be Filed by 01 SEP 2022					
82878US002	Microorganic Detection System with Worklists	US	Expired	63/000319	26 Mar 2020			3M Innovative Properties Company
82878US008	Microorganic Detection System with Worklists	US	To Be Filed by 01 SEP 2022					
82878WO003	Microorganic Detection System with Worklists	WO	Publication of application	IB2021/052398	23 Mar 2021			3M Innovative Properties Company
829351N003	Imaging Device with Illumination Components	IN	Expired	202041020177	13 May 2020			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
82935BR005	Imaging Device with Illumination Components	BR	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82935CN006	Imaging Device with Illumination Components	CN	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82935EP007	Imaging Device with Illumination Components	EP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82935JP008	Imaging Device with Illumination Components	JP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82935US009	Imaging Device with Illumination Components	US	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82935WO004	Imaging Device with Illumination Components	WO	Publication of application	IB2021/053541	28 Apr 2021			3M Innovative Properties Company
82943IN003	Removable Cassette for an Imaging Device	IN	Expired	202041020173	13 May 2020			3M Innovative Properties Company
82943BR005	Removable Cassette for an Imaging Device	BR	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82943CN006	Removable Cassette for an Imaging Device	CN	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82943EP007	Removable Cassette for an Imaging Device	EP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82943JP008	Removable Cassette for an Imaging Device	JP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
82943US009	Removable Cassette for an Imaging Device	US	To Be Filed by 01 SEP 2022					3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
82943WO004	Removable Cassette for an Imaging Device	WO	Publication of application	IB2021/053510	28 Apr 2021			3M Innovative Properties Company
82965US002	Display Screen or Portion Thereof with a Graphical User Interface	US	Filing	29/729457	26 Mar 2020			3M Innovative Properties Company
82965BR004	Display Screen or Portion Thereof with a Graphical User Interface	BR	Grant	30 2020 004499-1	25 Sep 2020	302020004499-1	15 Feb 2022	3M Innovative Properties Company
82965CN005	Display Screen or Portion Thereof with a Graphical User Interface	CN	Grant	202030576630.X	25 Sep 2020	202030576630.X	16 Nov 2021	3M Innovative Properties Company
82965EM003	Icons for Display Screens	EM	Grant	008182406-0001	24 Sep 2020	008182406-0001	02 Dec 2020	3M Innovative Properties Company
82965EM009	Icons for Display Screens	EM	Grant	008182406-0002	24 Sep 2020	008182406-0002	02 Dec 2020	3M Innovative Properties Company
82965EM010	Icons for Display Screens	EM	Grant	008182406-0003	24 Sep 2020	008182406-0003	02 Dec 2020	3M Innovative Properties Company
82965EM011	Icons for Display Screens	EM	Grant	008182406-0004	24 Sep 2020	008182406-0004	02 Dec 2020	3M Innovative Properties Company
82965EM012	Icons for Display Screens	EM	Grant	008182406-0005	24 Sep 2020	008182406-0005	02 Dec 2020	3M Innovative Properties Company
82965EM013	Icons for Display Screens	EM	Grant	008182406-0006	24 Sep 2020	008182406-0006	02 Dec 2020	3M Innovative Properties Company
82965EM014	Icons for Display Screens	EM	Grant	008182406-0007	24 Sep 2020	008182406-0007	02 Dec 2020	3M Innovative Properties Company
82965EM015	Icons for Display Screens	EM	Grant	008182406-0008	24 Sep 2020	008182406-0008	02 Dec 2020	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
82965EM016	Icons for Display Screens	EMI	Grant	008182406-0009	24 Sep 2020	008182406-0009	02 Dec 2020	3M Innovative Properties Company
82965GB008	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0001	24 Sep 2020	9008182406-0001	02 Dec 2020	3M Innovative Properties Company
82965GB017	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0002	24 Sep 2020	9008182406-0002	02 Dec 2020	3M Innovative Properties Company
82965GB018	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0003	24 Sep 2020	9008182406-0003	02 Dec 2020	3M Innovative Properties Company
82965GB019	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0004	24 Sep 2020	9008182406-0004	02 Dec 2020	3M Innovative Properties Company
82965GB020	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0005	24 Sep 2020	9008182406-0005	02 Dec 2020	3M Innovative Properties Company
82965GB021	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0006	24 Sep 2020	9008182406-0006	02 Dec 2020	3M Innovative Properties Company
82965GB022	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0007	24 Sep 2020	9008182406-0007	02 Dec 2020	3M Innovative Properties Company
82965GB023	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0008	24 Sep 2020	9008182406-0008	02 Dec 2020	3M Innovative Properties Company
82965GB024	Display Screen or Portion Thereof with a Graphical User Interface	GB	Grant	9008182406-0009	24 Sep 2020	9008182406-0009	02 Dec 2020	3M Innovative Properties Company
82965JP006	Graphical User Interface for Colony Counting	JP	Grant	2020-020571	28 Sep 2020	1718133	16 Jun 2022	3M Innovative Properties Company
82965JP025	Graphical User Interface for Colony Counting	JP	Grant	2021-015330	14 Jul 2021	1718138	16 Jun 2022	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
82965JP026	Graphical User Interface for Colony Counting	JP	Filing	2021-015331	14 Jul 2021			3M Innovative Properties Company
82965JP027	Graphical User Interface for Colony Counting	JP	Filing	2021-015332	14 Jul 2021			3M Innovative Properties Company
82965KR007	Display Panel with a Graphical User Interface	KR	Grant	30-2020-0046513	25 Sep 2020	30-1156306	18 Mar 2022	3M Innovative Properties Company
82965KR028	Display Panel with a Graphical User Interface	KR	Filing	30-2021-0041158	30 Aug 2021			3M Innovative Properties Company
82965KR029	Display Panel with a Graphical User Interface	KR	Filing	30-2021-0041159	30 Aug 2021			3M Innovative Properties Company
82965KR030	Display Panel with a Graphical User Interface	KR	Grant	30-2021-0041160	30 Aug 2021	30-1172942	11 Jul 2022	3M Innovative Properties Company
82965KR031	Display Panel with a Graphical User Interface	KR	Grant	30-2021-0041161	30 Aug 2021	30-1172943	11 Jul 2022	3M Innovative Properties Company
83004IN003	Compensation of Intensity Variances in Images Used for Colony Enumeration	IN	Expired	202041020135	13 May 2020			3M Innovative Properties Company
83004CN005	Compensation of Intensity Variances in Images Used for Colony Enumeration	CN	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83004EP006	Compensation of Intensity Variances in Images Used for Colony Enumeration	EP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83004JP007	Compensation of Intensity Variances in Images Used for Colony Enumeration	JP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83004US008	Compensation of Intensity Variances in Images Used for Colony Enumeration	US	To Be Filed by 01 SEP 2022					3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
83004WO004	Compensation of Intensity Variances in Images Used for Colony Enumeration	WO	Publication of application	IB2021/053470	27 Apr 2021			3M Innovative Properties Company
83083US002	Microorganic Detection System Using a Deep Learning Model	US	Expired	63/026372	18 May 2020			3M Innovative Properties Company
83083CN004	Microorganic Detection System Using a Deep Learning Model	CN	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83083EP005	Microorganic Detection System Using a Deep Learning Model	EP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83083JP006	Microorganic Detection System Using a Deep Learning Model	JP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83083US007	Microorganic Detection System Using a Deep Learning Model	US	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83083WO003	Microorganic Detection System Using a Deep Learning Model	WO	Publication of application	IB2021/054061	12 May 2021			3M Innovative Properties Company
83136BR004	Culture Plate Reader	BR	Grant	302020005663-9	26 Nov 2020	302020005663-9	28 Sep 2021	3M Innovative Properties Company
83136CN005	Culture Plate Reader	CN	Grant	202030726478.9	27 Nov 2020	202030726478.9	18 May 2021	3M Innovative Properties Company
83136EM003	Biochemical Analysers	EM	Grant	008283998-0001	25 Nov 2020	008283998-0001	01 Dec 2020	3M Innovative Properties Company
83136EM013	Biochemical Analysers	EM	Grant	008283998-0002	25 Nov 2020	008283998-0002	01 Dec 2020	3M Innovative Properties Company
83136GB011	Culture Plate Reader	GB	Grant	008283998-0001	25 Nov 2020	008283998-0001	01 Dec 2020	3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
83136GB014	Culture Plate Reader	GB	Grant	008283998-0002	25 Nov 2020	008283998-0002	01 Dec 2020	3M Innovative Properties Company
83136IN006	Culture Plate Reader	IN	Filing	335564-001	26 Nov 2020			3M Innovative Properties Company
83136IN012	Culture Plate Reader	IN	Filing	335565-001	26 Nov 2020			3M Innovative Properties Company
83136JP007	Culture Plate Reader	JP	Grant	2020-025627	27 Nov 2020	1707624	07 Feb 2022	3M Innovative Properties Company
83136JP015	Culture Plate Reader	JP	Grant	2021-021543	04 Oct 2021	1707393	03 Feb 2022	3M Innovative Properties Company
83136KR008	Culture Plate Reader	KR	Grant	30-2020-0057804	26 Nov 2020	30-1150520	07 Feb 2022	3M Innovative Properties Company
83136PH009	Culture Plate Reader	PH	Filing	3-2020-50688	26 Nov 2020			3M Innovative Properties Company
83136TH010	ANALYTICAL INSTRUMENT FOR COUNTING MICROORGANISM COLOIES IN MICROORGANISM CULTURE PLATES	TH	Filing	2002005348	26 Nov 2020			3M Innovative Properties Company
83136US002	Culture Plate Reader	US	Allowed	29/735986	27 May 2020			3M Innovative Properties Company
83139IN003	Detecting A Condition For A Culture Device Using A Machine Learning Model	IN	Expired	202041021033	19 May 2020			3M Innovative Properties Company
83139CN005	Detecting A Condition For A Culture Device Using A Machine Learning Model	CN	To Be Filed by 01 SEP 2022					3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
83139EP006	Detecting A Condition For A Culture Device Using A Machine Learning Model	EP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83139JP007	Detecting A Condition For A Culture Device Using A Machine Learning Model	JP	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83139US008	Detecting A Condition For A Culture Device Using A Machine Learning Model	US	To Be Filed by 01 SEP 2022					3M Innovative Properties Company
83139WO004	Detecting A Condition For A Culture Device Using A Machine Learning Model	WO	Publication of application	IB2021/054062	12 May 2021			3M Innovative Properties Company
83557US002	Compositions and Methods of Detecting Analytes	US	Expired	63/163082	19-Mar-21			3M Innovative Properties Company
83557WO003	Compositions and Methods of Detecting Analytes	WO	Application	IB2022/051935	4-Mar-22			3M Innovative Properties Company
83962US002	Compositions and Methods of Detecting Analytes	US	Filing	63/239436	1-Sep-21			3M Innovative Properties Company
83962WO003	Compositions and Methods of Detecting Analytes	WO	Application	PCT/IB2022/056142	1-Jul-22			3M Innovative Properties Company
PA84504IN03	Apparatus for Separating a Single Sheet From a Stack and Methods	IN	Application	202241041465.0	20-Jul-22			3M Innovative Properties Company
84507US002	Gelling Films, Articles Containing Gelling Films, and Methods of Making and Using the Same	US	Application	63/348495	3-Jun-22			3M Innovative Properties Company
84509US002	Compositions Comprising Scleroglucan, Articles Containing the Same, Methods of Making, and Methods of Using	US	Application	63/367956	8-Jul-22			3M Innovative Properties Company

Case Reference	Title	Country	Current Status	Filing Number	Filing Date	Grant Number	Grant Date	Registered Owners
PA100229KR01	Sample Spreader for Laboratory	KR	Application	30-2022-0024341	17-Jun-22			3M Innovative Properties Company

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RECORDED: 09/01/2022