

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM456551

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	02/01/2016
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
The Medicines Company		02/01/2016	Corporation: DELAWARE

RECEIVING PARTY DATA

Name:	Mallinckrodt Pharmaceuticals Ireland Limited
Street Address:	College Business & Technology Park
Internal Address:	Cruiserath, Blanchardstown
City:	Dublin 15
State/Country:	IRELAND
Entity Type:	Private Company Limited By Shares: IRELAND

PROPERTY NUMBERS Total: 2

Property Type	Number	Word Mark
Registration Number:	4905743	PREVELEAK
Registration Number:	3432311	RECOTHROM

CORRESPONDENCE DATA

Fax Number: 8478085500

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: 8478085500

Email: mail@iphorgan.net

Correspondent Name: Carlynn Davis

Address Line 1: 195 Arlington Heights Rd., Suite #125

Address Line 4: Buffalo Grove, ILLINOIS 60089

NAME OF SUBMITTER:	Carlynn Davis
SIGNATURE:	/Carlynn Davis/
DATE SIGNED:	01/02/2018

Total Attachments: 13

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TRADEMARK ASSIGNMENT

This Trademark Assignment Agreement (this "Assignment"), including all schedules attached hereto, is made effective this 1st day of February, 2016 (the "Effective Date"), by and among The Medicines Company, a Delaware corporation ("Assignor") and Mallinckrodt Pharmaceuticals Ireland Limited, an Irish company ("Assignee"). Assignor and Assignee may be referred to in this Assignment each as a "Party" and collectively as the "Parties."

WHEREAS, Assignor and Assignee have entered into a Purchase and Sale Agreement (the "Purchase Agreement"), effective as of the Effective Date; and

WHEREAS, under the terms of the Purchase Agreement, the Parties agreed that Assignor would transfer, or cause to be transferred, to Assignee certain trademarks, service marks, trademark or service mark registrations, trademark or service mark applications, and trade names (together with the goodwill of the businesses associated therewith), including those identified on Schedule 1 hereto (the "Assigned Trademarks").

NOW, THEREFORE, in consideration of the execution of the Purchase Agreement, the payment of the consideration stipulated in the Purchase Agreement, the mutual promises and covenants hereinafter set forth, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound thereby, the Parties agree as follows:

1. All capitalized terms not otherwise defined herein, as used in this Assignment, shall have the respective meanings ascribed to such terms in the Purchase Agreement.
2. Assignor hereby assigns Assignee all of Assignor's right, title and interest in, to and under the Assigned Trademarks, including all rights in applications anywhere in the world claiming priority thereto, all income and payments now or hereafter due or payable with respect thereto, all causes of action in law or equity relating thereto and all rights to sue, counterclaim and recover for past, present and future infringement and misappropriation of the rights assigned, the same to be held and enjoyed by Assignee, its successors and assigns as fully and entirely as the same would have been held and enjoyed by Assignor had no sale and assignment of said Assigned Trademarks been made.
3. Assignor further agrees to execute such further documents reasonably required by Assignee to secure and enforce the rights granted to Assignee under this Assignment.
4. Assignee may record this Assignment with the United States Patent and Trademark Office ("USPTO") and with comparable offices in other jurisdictions throughout the world. All costs associated with any such registrations or recordations shall be paid by Assignee.
5. This Assignment shall inure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.


6. This Assignment shall be governed by and construed in accordance with the internal laws of the State of New York without giving effect to any choice or conflict of law provision or rule (whether of the State of New York or any other jurisdiction) that would cause the application of laws of any jurisdiction other than those of the State of New York.

7. This Agreement may be executed in two or more counterparts (including by facsimile or by an electronic scan delivered by electronic mail), each of which shall be deemed an original but all of which together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each Party hereto and delivered to the other Party, it being understood that each Party need not sign the same counterpart. This Agreement may be executed and delivered by facsimile or by an electronic scan delivered by electronic mail.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed by their duly authorized officers as of the Effective Date indicated above.

THE MEDICINES COMPANY

By: 

Print Name: William O'Connor

Print Title: Chief Financial Officer

ACCEPTED:

MALLINCKRODT PHARMACEUTICALS IRELAND LIMITED

By: _____

Print Name:

Print Title:

[Signature Page to Trademark Assignment]

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed by their duly authorized officers as of the Effective Date indicated above.

THE MEDICINES COMPANY

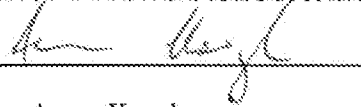
By: _____

Print Name:

Print Title:

ACCEPTED:

MALLINCKRODT PHARMACEUTICALS IRELAND LIMITED

By:  _____

Print Name: Aaron Keogh

Print Title: Director

[Signature Page to Trademark Assignment]

Schedule 1

Assigned Trademarks

[See attached]

REGISTRATION	Finland	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-20-2010		
REGISTRATION	Kenya	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-20-2010		
REGISTRATION	Kingdom of Saudi Arabia	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-20-2010		
REGISTRATION	Republic of Korea	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Lithuania	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Norway	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Republic of Moldova	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Montenegro	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Moldova	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Mongolia	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Namibia	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Norway	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Sultanate of Oman	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Serbia	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Russian Federation	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Singapore	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	San Marino	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Sweden	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Turkmenistan	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Turkey	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Ukraine	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Vietnam	60013761	02-46-2007 based on US 985427	10-Sep-08	10-Sep-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-21-2010		
REGISTRATION	Indonesia	00020208 035923	7-Oct-08	13-Jul-10	7-Oct-18	Zymogenetics, Inc.	05-PM	Abandoned per email of 05-20-2010		
REGISTRATION	Japan	57777	20-Oct-08	9-Jul-09	2-Oct-18	Eyevy Adrengipresicant	05-PM	Abandoned per email of 06-02-2010		
REGISTRATION	Japan	2007-102646	2-Oct-07	25-Jul-08	25-Jul-18	Zymogenetics, Inc.	05-PM	Pharmaceutical preparations and solutions.		
REGISTRATION	Jordan	103321	2-Aug-08	103321	UMC	25-Nov-18	Eyevy Adrengipresicant	Yes	05-PM	Pharmaceutical preparations and solutions.
REGISTRATION	Madagascar	N/35254	20-Oct-08	N/35254	26-Mar-09	28-Mar-18	Zymogenetics, Inc.	Yes	05-PM	Pharmaceutical preparations and solutions.

REGISTRATION	Mexico	SE1130	12-Sep-08	113185	30-Nov-09	12-Sep-18	Zymogenetics, Inc.	Yes	05 Int.	Pharmaceutical preparations, namely, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect.
REGISTRATION	New Zealand	759594	12-Sep-08	759594	12-Mar-09	12-Sep-18	Zymogenetics, Inc.	Yes	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect.
REGISTRATION	Saudi Arabia	136424	22-Oct-08	109279	UNK	22-Oct-18	Bayer Aktiengesellschaft	Yes	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect.
REGISTRATION	Taiwan	097082825	15-Sep-08	1309691	16-Jul-09	15-Jul-19	Zymogenetics, Inc.	Yes	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect.
REGISTRATION (in Chinese characters)	Taiwan	097095905	20-Nov-08	137106	14-Aug-09	31-Jul-19	Bayer Aktiengesellschaft	Yes	05 Int.	Pharmaceutical preparations and substances.
REGISTRATION	Alberta	AI/17200/343	5-Jun-09	12693	26-Nov-09	5-Jun-19	Zymogenetics, Inc.	Yes	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anaemia.
REGISTRATION	Aruba	IM-200902312	23-Apr-09	27999	15-Jun-09	22-Apr-13	Bayer Aktiengesellschaft	YES	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anaemia.
REGISTRATION	Bahrain	77393	14-Jul-09				Zymogenetics, Inc.		05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect; pharmaceutical preparations and substances, except for the prevention or treatment of anaemia.
REGISTRATION	Belarus	Z091469	6-May-09	40326	13-Sep-12	6-May-13	Zymogenetics, Inc.		05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a hemostatic effect; and/or those for the prevention of treatment of anaemia.

RECOH00M6	Brazil	83026399	5 May '09	83026399	6 Mar '12	6 Mar '22	Zymogenetics, Inc.	05 Int.	Pharmaceutical preparations, namely, clotting preparations, and agents for coagulating and astringing clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect, excluding those for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	China (People's Republic)	7633359	20 Aug '09	7633359	27 Dec '10	27 Dec '20	Zymogenetics, Inc.	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and astringing clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	Colombia	091039903	21 Apr '09	399970	29 Oct '09	29 Oct '13	Zymogenetics, Inc.	05 Int.	Medicines, disinfectants, herbal medicinal materials, medicinal liquor, diuretic substances adapted for medical use, food for babies, dewaratives, veterinary medicines and preparations, preparations for destroying vermin, fungicides, herbicides, pesticides, sanitary compositions, materials for disinfecting, medicine health bags, materials for adopting teeth, dental wax.	Abandoned per email of 05-20-2010
RECOH00M6	Costa Rica	200910003038	11 May '09	20 Apr '09 1359102	7 Aug '09	7 Aug '13	Bayer Aktiengesellschaft	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia and astringing clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010 Terminated after publication
RECOH00M6	Cuba	Z2009753A	11 May '09				Zymogenetics, Inc.	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and astringing clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	Curacao	D-300173	22 Apr '09	14107	22 Apr '09	22 Apr '13	Bayer Aktiengesellschaft	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECOH00M6	Democratic Republic	200910115	17 Aug '09	135947	5 May '09	17 Aug '13	Zymogenetics, Inc.	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	Ecuador	Z00939318	4 May '09	0009340211 967 968	8 Nov '09	6 Nov '13	Bayer Aktiengesellschaft	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECOH00M6	Guatemala	Z00942982	17 Apr '09	16544516 410	31 Aug '09	31 Aug '13	Bayer Aktiengesellschaft	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	Hong Kong	30133519	23 Apr '09	147	15 Dec '09	15 Dec '13	Bayer Aktiengesellschaft	05 Int.	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	Hong Kong	30133519	4 May '09	30133519	4 May '09	3 May '13	Zymogenetics, Inc.	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and astringing clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010
RECOH00M6	Ireland	11457009	6 May '09	4217009	29 Jun '09	29 Jun '13	Zymogenetics, Inc.	05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and astringing clotting polymers for use in the control of bleeding associated with a wide range of surgical, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010

RECORDING#	India	1514855	5 May '09	Opposed to		Zymogenetics, Inc.	05 Jul	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010
RECORDING#	Kazakhstan	02072001019291	28 Apr '09	02/02/02/ 82/24	27 Oct '10	Zymogenetics, Inc.	28 Apr '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-20-2010
RECORDING#	Iran (Islamic Republic of)	126030821	07 Jun '09	17/06/03	11 Jun '10	Zymogenetics, Inc.	07 Jun '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Japan	53764	28 Apr '09	53764	22 Feb '10	Zymogenetics, Inc.	28 Apr '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 06-02-2010
RECORDING#	Jordan	106956	21 May '09	106956	21 Jun '10	Zymogenetics, Inc.	21 May '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Kenya	K2/02009/065572	20 May '09	65572	20 May '09	Zymogenetics, Inc.	20 May '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Liechtenstein	Z000376	6 May '09	13343	UNK	Zymogenetics, Inc.	6 May '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Malawi	N024857	6 May '09	N024857	25 Sep 2009 (7 years duration)	Zymogenetics, Inc.	25 Sep '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Malaysia	050078883	14 May '09	050078883	14 May '09	Bayer Aktiengesellschaft	14 May '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Mexico	1005176	8 May '09	1103720	4 Jun '09	Zymogenetics, Inc.	8 May '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Moldova	023337	5 May '09	13754	5 May '09	Zymogenetics, Inc.	5 May '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Morocco	8430	8 May '09	7337	8 May '09	Zymogenetics, Inc.	8 May '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Morocco	123889	8 May '09	123889	8 May '09	Zymogenetics, Inc.	8 May '10	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for coagulating and activating clotting polymers for use in the control of bleeding associated with a wide range of surgeries, trauma and burn injuries; pharmaceutical preparations for use in accelerating clotting time and arresting blood flow during medical procedures; pharmaceutical preparations for use as a topical hemostatic to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries; and to make alterations and enhancements in tissue repair; surgical preparations which are used locally or topically for hemostatic control in the form of liquid with a thrombotic effect; pharmaceutical preparations and substances, except for the prevention of treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Paraguay	150743 01	28 Apr '09	150743 01	28 Apr '09	Bayer Aktiengesellschaft	28 Apr '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Paraguay	15324	26 Apr '09	355199	9 Aug '10	Bayer Aktiengesellschaft	9 Aug '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 05-21-2010
RECORDING#	Peru	038725-2009	21 Apr '09	00720236	29 Oct '10	Bayer Aktiengesellschaft	29 Oct '10	Pharmaceutical preparations and substances, except for the prevention or treatment of anemia.	Abandoned per email of 04-26-2011

THROMBIN - DESIGN	European Community	6309318	26 Sep-97	6309318	11 Sep-98	26 Sep-17	Zymogenetics, Inc.	Yes	05 Int., 09 Int., & 010 Int.	Chemicals used in industry, science and photography, as well as in agriculture, horticulture and forestry; unprocessed artificial resins, unprocessed glass, natural fine earth/filling compositions; tempering and soldering preparations; chemical substances for preserving liquid and solid bodies; adhesives used in industry.
THROMBIN - DESIGN	United States	8672,819	31 Aug-15				The Medication Co.	Yes	05 Int.	Surgical, medical, dental and veterinary apparatus and instruments; artificial limbs, eyes and teeth; orthopedic articles; suture materials.
									05 Int.	Pharmaceutical preparations, namely, clotting agents, clotting preparations, and agents for converting and activating clotting polymers for use in the control of bleeding associated with a wide range of procedures, including surgery, orthopedic surgery, dental surgery, and procedures for use in treating blood disorders; pharmaceutical preparations for use as a topical hemostat to control surgical bleeding; for the treatment of bleeding complications, trauma and burn injuries, and to make alterations and enhancements in tissue repair; surgical preparations for use in the control of bleeding, including topical hemostats, gels, gauze sponges, powder, foam, liquid and fibers with a hemostatic effect; bandages for dressings; bandages for skin wounds; surgical bandages; materials for dressings, namely, sterile sponge foam, gauze, and absorbable polymers.

MarkName	Country	Current Appl. No	Current Appl. Date	Current Reg No	Current Reg Date	Status	Docket Number	Client/Division	Current Owner	Case Type	Filing Type
PREVELEAK	United States	85285207	03/02/2014			Filed	101882-89947	The Medicines Company	The Medicines Company	Intent To Use Application	National
PREVELEAK	International	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	China P.R.	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	Community Trademark	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	India	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	Japan	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	South Korea	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	Mexico	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	Russian Federation	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	Singapore	A0046278	11/10/2014	1242184	11/10/2014	Registered	101882-89947	The Medicines Company	The Medicines Company	Regular	Madrid Protocol
PREVELEAK	Brazil	90860016	11/14/2014			Filed	101882-89947	The Medicines Company	The Medicines Company	Regular	National
PREVELEAK	Brazil	908600364	11/14/2014			Filed	101882-89947	The Medicines Company	The Medicines Company	Regular	National