

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4244954

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TENAXIS MEDICAL, INC.	02/01/2016
RECEIVING PARTY DATA	
Name:	MALLINCKRODT PHARMA IP TRADING D.A.C.
Street Address:	DAMASTOWN INDUSTRIAL ESTATE
Internal Address:	MULHUDDART
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	15
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14804669
CORRESPONDENCE DATA	
Fax Number:	(618)655-9640
<i>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.</i>	
Phone:	314-889-8000
Email:	ipdocket@polsinelli.com
Correspondent Name:	POLSINELLI PC
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Address Line 2:	SUITE 400
Address Line 4:	EDWARDSVILLE, ILLINOIS 62025
ATTORNEY DOCKET NUMBER:	H-HS-00009T.4 US
NAME OF SUBMITTER:	REBECCA L. ENDSLEY, PARALEGAL
SIGNATURE:	/Rebecca L. Endsley/
DATE SIGNED:	01/26/2017
Total Attachments: 4	
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PATENT ASSIGNMENT

1. This Patent Assignment, effective as of this 1st day of February, 2016, is made by and between Tenaxis Medical, Inc., a corporation in the State of Delaware, with offices at 675 McDonnell Boulevard, Hazelwood, Missouri 63042 USA ("Assignor") and Mallinckrodt Pharma IP Trading D.A.C., an Irish Designated Activity Company, with offices at Damastown Industrial Estate, Mulhuddar, Dublin 15, Ireland ("Assignee").
2. WHEREAS, Assignor is the owner of the entire right, title, and interest in and to certain letters patent and patent applications throughout the world and the inventions disclosed therein; and
3. WHEREAS, Assignee is desirous of acquiring said right, title and interest of Assignor;
4. NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration by Assignee to Assignor in hand paid, receipt of all of which is hereby acknowledged, Assignor has agreed to and does hereby sell, assign and transfer unto Assignee, its successors and assigns, all of Assignor's right, title and interest in and throughout the world, in and to said letters patent and patent application and all reissues thereof and reexamination certificates therefore, and the inventions disclosed therein, including Assignor's full right to sue for and recover all damages recoverable from past infringements of said letters patent; including specifically, without limiting the generality of the foregoing, the worldwide letters patent and patent applications listed in Appendix A; and Assignor has further agreed to and does hereby sell, assign and transfer unto Assignee, its successors and assigns, all of Assignor's right, title and interest in and throughout the world in and to said inventions, any other patent applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said worldwide letters patent or patent applications or in whole or in part on said inventions, and any and all letter patent (including extensions thereof) of any country which have been or may be granted on any of the aforesaid patent applications or on said inventions or any part thereof; including, specifically, without limiting the generality of the foregoing, the worldwide letters patent and patent applications listed in Appendix A.
5. TO BE HELD AND ENJOYED BY Assignee, its successors and assigns, to the full ends of the respective terms for which said patents have been or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this sale and assignment not been made.
6. AND Assignor hereby authorizes and requests the Patent Offices of the countries wherein said patent applications are filed to issue any and all letters patent which may be granted upon said foreign country patent applications to Assignee, its successors and assigns.
7. AND Assignor hereby agrees to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-

provisional, divisional, continuing, reissue or other applications for patents of any country, that may be deemed necessary by said Assignee, its successors or assigns fully to secure its interest as aforesaid in and to said inventions or any part thereof, and in and to said several patents or any of them.

8. AND Assignor covenants that Assignor has granted no right or license to make, use or sell said inventions to anyone except said Assignee, that prior to the execution of this deed, Assignor's right, title, and interest in said inventions has not been otherwise encumbered, and that Assignor has not executed and will not execute any instrument in conflict herewith.

ASSIGNOR (Tenaxis Medical, Inc.)


By: Kenneth D. Goetz
Title: Assistant Secretary

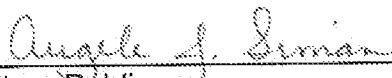
Date: 26 Jan. 2017

ACKNOWLEDGMENT

STATE OF Missouri)
) SS.
COUNTY OF St. Louis)

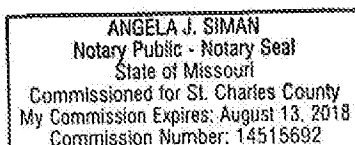
On this 26 day of January, 2017, before me, a Notary Public,
personally appeared Kenneth D. Goetz, Assistant Secretary to me to be the
person described, in and who executed, the foregoing assignment and
acknowledged that he/she executed said instrument as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official
seal the day and year first above written.


Notary Public

My Commission Expires:

_____ [SEAL]



ASSIGNEE (Mallinckrodt Pharma IP Trading D.A.C.)



By: Kenneth D. Goetz
Title: Authorized Representative

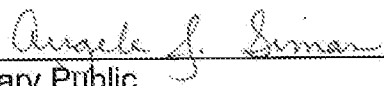
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STATE OF Missouri)
) SS.
COUNTY OF St. Louis)

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In Testimony Whereof, I have hereunto set my hand and affixed my official
seal the day and year first above written.


Notary Public

My Commission Expires:

_____ [SEAL]

ANGELA J. SIMAN
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Charles County
My Commission Expires: August 13, 2018
Commission Number: 14515692

APPENDIX A

Country	Title	Application No.	Filing Date
US	BIOCOMPATABLE PHASE INVERTABLE PROTEINACEOUS COMPOSITIONS AND METHODS FOR MAKING AND USING THE SAME	14/804,669	07/21/2015
EP	BIOCOMPATABLE PHASE INVERTABLE PROTEINACEOUS COMPOSITIONS AND METHODS FOR MAKING AND USING THE SAME	03767198.9	08/05/2003