

10-28-1998

Express Mail No.: TB 686 626 215 US



Attorney Docket Number
6670-075-999

100803120

D TRADEMARKS

THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Martin Stogniew Edward H. Kaplan <i>MRD 8-17-98</i>		2. Name and address of receiving party(ies): Name: <u>U.S. Bioscience, Inc.</u> Address: <u>One Tower Bridge</u> <u>100 Front Street</u> <u>West Conshohocken, PA 19428</u> Country (if other than USA): _____	
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Corrective assignment to remove an assignor's name from a previous recordal at reel 9184, frame 0168.</u> Execution Date: <u>April 30, 1998 and May 8, 1998 respectively</u>			
4. Application number(s) or patent number(s): <u>08/987,550</u> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) _____ B. Patent No (s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: <u>PENNIE & EDMONDS LLP</u> <u>1155 Avenue of the Americas</u> <u>New York, NY 10036</u>		6. Number of applications and patents involved: <u>one (1)</u>	
		7. Total fee (37 CFR 3.41):\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.	
		8. Deposit account number: <u>16-1150</u>	
DO NOT USE THIS SPACE <i>chg 40</i>			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
<u>Brian M. Poissant</u> 28,462 Name of Person Signing Reg. No.		<u>Brian M. Poissant</u> Signature Date <u>August 17, 1998</u>	
<u>Reg. No. 28,462</u>		Total number of pages including cover sheet: <u>3</u>	

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I, Martin Stogniew, ASSIGNOR, citizen of the United States, residing at 1870 Ferguson Lane, Blue Bell, PA 19422, am a co-inventor of the invention in **METHODS FOR TREATMENT OF NEURO- and NEPHRO-DISORDERS AND THERAPEUTIC TOXICITIES USING AMINOTHIOL COMPOUNDS** for which I have executed an application for a Patent of the United States

- X which is identified by Pennie & Edmonds LLP docket no. 6670-075-999
X which was filed on December 9, 1997, Application No. 08/987,550

and WHEREAS, U.S. Bioscience, Inc., ASSIGNEE, having a place of business at One Tower Bridge, 100 Front Street, West Conshohocken, PA 19428, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

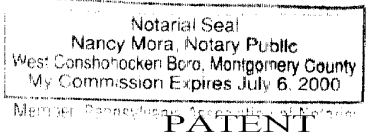
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30 day of April, 1998.

Martin Stogniew L.S.
Martin Stogniew

State of Pennsylvania)
) SS.:
County of Montgomery)

On this 30th day of April, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Martin Stogniew, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Nancy Mora
Notary Public.



ASSIGNMENT

WHEREAS, I, Edward H. Kaplan, ASSIGNOR, citizen of the United States, residing at 9116 Kenneth Avenue, Skokie, IL 60076, am a co-inventor of the invention in **METHODS FOR TREATMENT OF NEURO- and NEPHRO-DISORDERS AND THERAPEUTIC TOXICITIES USING AMINOTHIOL COMPOUNDS** for which I have executed an application for a Patent of the United States

which is identified by Pennie & Edmonds LLP docket no. 6670-075-999

which was filed on December 9, 1997, Application No. 08/987,550

and WHEREAS, U.S. Bioscience, Inc., ASSIGNEE, having a place of business at One Tower Bridge, 100 Front Street, West Conshohocken, PA 19428, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of May, 1998.

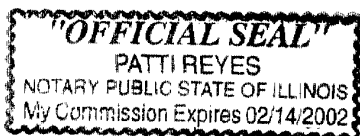
[Handwritten Signature]

L.S.

Edward H. Kaplan

State of ILLINOIS)
) SS.:
County of COOK)

On this 8th day of May, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Edward H. Kaplan, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



[Handwritten Signature]

Notary Public.



05-28-1998

Express Mail No.: TB 686 625 654 US



100721471

Attorney Docket Number
6670-075-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Martin Stogniew David S. Alberts Edward H. Kaplan <i>S-15-98</i>		2. Name and address of receiving party(ies): Name: <u>U.S. Bioscience, Inc.</u> Address: <u>One Tower Bridge</u> <u>100 Front Street</u> <u>West Conshohocken, PA 19428</u> Country (if other than USA): _____	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
Execution Date: <u>April 30, 1998, April 21, 1998 and</u> <u>May 8, 1998, respectively</u>			
4. Application number(s) or patent number(s): <u>08/987,550</u> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036		6. Number of applications and patents involved: <u>one (1)</u> 7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>16-1150</u>	
DO NOT USE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <i>Brian M. Poissant (Reg. No. 28,462)</i> <u>Brian M. Poissant</u> Name of Person Signing Reg. No. Signature Date <u>28,462</u> <u>May 15, 1998</u> Total number of pages including cover sheet: <u>4</u>			

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Washington, D.C. 20231

05/27/1998 TDM11 00000292 161150 08987550
01 FC:501 40.00 CH

PATENT
REEL: 9184 FRAME: 0168
REEL: 9368 FRAME: 0157

PENNY-201051

ASSIGNMENT

WHEREAS, I, Martin Stogniew, ASSIGNOR, citizen of the United States, residing at 1870 Ferguson Lane, Blue Bell, PA 19422, am a co-inventor of the invention in METHODS FOR TREATMENT OF NEURO- and NEPHRO-DISORDERS AND THERAPEUTIC TOXICITIES USING AMINOTHIOIOL COMPOUNDS for which I have executed an application for a Patent of the United States

- ☒ which is identified by Pennie & Edmonds LLP docket no. 6670-075-999
☒ which was filed on December 9, 1997, Application No. 08/987,550

and WHEREAS, U.S. Bioscience, Inc., ASSIGNEE, having a place of business at One Tower Bridge, 100 Front Street, West Conshohocken, PA 19428, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof:

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

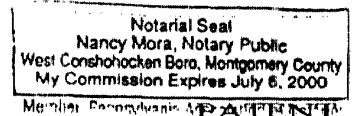
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30 day of April, 1998.

[Signature] L.S.
Martin Stogniew

State of Pennsylvania)
) SS.:
County of Montgomery)

On this 30th day of April, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Martin Stogniew, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Signature] Notary Public



REEL: 9184 FRAME: 0169

PATENT

REEL: 9368 FRAME: 0158

ASSIGNMENT

WHEREAS, I, David S. Alberts, ASSIGNOR, citizen of the United States, residing at 250 North Indian House Road, Tucson, AZ 85711, am a co-inventor of the invention in METHODS FOR TREATMENT OF NEURO- and NEPHRO- DISORDERS AND THERAPEUTIC TOXICITIES USING AMINOTHIOL COMPOUNDS for which I have executed an application for a Patent of the United States

- ☒ which is identified by Pennie & Edmonds LLP docket no. 6670-075-999
☒ which was filed on December 9, 1997, Application No. 08/987,550

and WHEREAS, The Arizona Board of Regents on behalf of The University of Arizona, Tucson, Arizona 85718, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21st day of April, 1998.

[Handwritten signature of David S. Alberts] L.S.
David S. Alberts

State of Arizona)
County of Pima) SS.:

On this 21st day of April, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared David S. Alberts, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

[Handwritten signature of Notary Public]
Notary Public.
My commission expires July 21, 1998.

