506226754 08/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6273498

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| ADAM WILLIAM AVERY | 08/18/2020 |
| THOMAS S. HAYS | 08/18/2020 |
| DAVID D. THOMAS | 08/18/2020 |
| MICHAEL E. FEALEY | 08/18/2020 |
| ROBYN T. REBBECK | 08/18/2020 |

RECEIVING PARTY DATA

| Name: | REGENTS OF THE UNIVERSITY OF MINNESOTA | |
|-------------------|--|--|
| Street Address: | 600 MCNAMARA ALUMNI CENTER | |
| Internal Address: | 200 OAK STREET SE | |
| City: | MINNEAPOLIS | |
| State/Country: | MINNESOTA | |
| Postal Code: | 55455-2020 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16897977 |

CORRESPONDENCE DATA

Fax Number: (612)305-1228

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: 6123052476

Email: dschurmann@mrgs.com DAVID L. PROVENCE **Correspondent Name:**

MUETING RAASCH GROUP Address Line 1:

Address Line 2: P.O. BOX 581336

Address Line 4: MINNEAPOLIS, MINNESOTA 55458-1336

| ATTORNEY DOCKET NUMBER: | 0110.000602US01 |
|-------------------------|---------------------------------|
| NAME OF SUBMITTER: | DAVID L. PROVENCE |
| SIGNATURE: | /David L. Provence, Reg#43,022/ |
| DATE SIGNED: | 08/28/2020 |

PATENT REEL: 053629 FRAME: 0629 506226754

Total Attachments: 15 source=20180417 E Assignmt PRV 864 + US 977 Avery#page1.tif source=20180417 E Assignmt PRV 864 + US 977 Avery#page2.tif source=20180417 E Assignmt PRV 864 + US 977 Avery#page3.tif source=20180417 E Assignmt PRV 864 + US 977 Hays#page1.tif source=20180417 E Assignmt PRV 864 + US 977 Hays#page2.tif source=20180417 E Assignmt PRV 864 + US 977 Hays#page3.tif source=20180417 E Assignmt PRV 864 + US 977 Thomas#page1.tif source=20180417 E Assignmt PRV 864 + US 977 Thomas#page2.tif source=20180417 E Assignmt PRV 864 + US 977 Thomas#page3.tif source=20180417 E Assignmt PRV 864 + US 977 Fealey#page1.tif source=20180417 E Assignmt PRV 864 + US 977 Fealey#page2.tif source=20180417 E Assignmt PRV 864 + US 977 Fealey#page3.tif source=20180417 E Assignmt PRV 864 + US 977 Rebbeck#page1.tif source=20180417 E Assignmt PRV 864 + US 977 Rebbeck#page2.tif source=20180417 E Assignmt PRV 864 + US 977 Rebbeck#page3.tif

PATENT REEL: 053629 FRAME: 0630



WHEREAS, I, Adam William Avery, have invented certain new and useful inventions in METHODS TO IDENTIFY MODULATORS OF ACTIN-BINDING PROTEINS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/859,864 on June 11, 2019; and Utility application no. 16/897,977 on June 10, 2020 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor:

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

I have hereunto set my hand on ____ August 18, 2020 | 1:43 PM CDT

···· DocuSigned by

-----3FF6B098C78E46C...

Adam William Avery

am William Avery

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

I have hereunto set my hand on <u>August 19, 2020 | 7:06 AM CDT</u>, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA

DocuSigned by:

OFB835187311411...

Carol Grutkoski

Chief of Staff and Operations Manager per Presidential Delegation ID_257866

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

3

PATENT



WHEREAS, I, Thomas S. Hays, have invented certain new and useful inventions in METHODS TO IDENTIFY MODULATORS OF ACTIN-BINDING PROTEINS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/859,864 on June 11, 2019; and Utility application no. 16/897,977 on June 10, 2020 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor:

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

I have hereunto set my hand on ___ August 18, 2020 | 12:49 PM CDT

--- DocuSigned by

-----3CD82EE31678491.

Thomas S. Hays

I have hereunto set my hand on August 19, 2020 | 7:06 AM CDT, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA

OFB835187311411...

Carol Grutkoski Chief of Staff and Operations Manager per Presidential Delegation ID_257866

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT



WHEREAS, I, David D. Thomas, have invented certain new and useful inventions in METHODS TO IDENTIFY MODULATORS OF ACTIN-BINDING PROTEINS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/859,864 on June 11, 2019; and Utility application no. 16/897,977 on June 10, 2020 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor:

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

I have hereunto set my hand on ____ August 18, 2020 | 1:00 PM CDT

-DocuSigned by:

--- AC371AF9524B435

David D. Thomas

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

I have hereunto set my hand on __August 19, 2020 | 7:06 AM CDT _____, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA

OFB835187311411...

Carol Grutkoski

Chief of Staff and Operations Manager per Presidential Delegation ID_257866

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

-PATENT



WHEREAS, I, Michael E. Fealey, have invented certain new and useful inventions in METHODS TO IDENTIFY MODULATORS OF ACTIN-BINDING PROTEINS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/859,864 on June 11, 2019; and Utility application no. 16/897,977 on June 10, 2020 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

I have hereunto set my hand on ___ August 18, 2020 | 1:29 PM CDT

:DocuSignea by سر

-----86F20D35176F42E..

Michael E. Fealey

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

'ATENT

I have hereunto set my hand on ____August 19, 2020 | 7:06 AM CDT _____, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA

OFB835187311411...

Carol Grutkoski Chief of Staff and Operations Manager per Presidential Delegation ID_257866

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT



WHEREAS, I, Robyn T. Rebbeck, have invented certain new and useful inventions in METHODS TO IDENTIFY MODULATORS OF ACTIN-BINDING PROTEINS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/859,864 on June 11, 2019; and Utility application no. 16/897,977 on June 10, 2020 (the "Application(s)");

WHEREAS, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of all rights of priority created by said Application(s) under any treaty relating thereto (including the right to claim priority to said patent application, e.g., under the provisions of the Paris Convention for the Protection of Industrial Property and the European Patent Convention).

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

I have hereunto set my hand on ___ August 18, 2020 | 9:18 PM CDT

--- DocuSigned by:

---- 67DE8E8A923545A

Robyn T. Rebbeck

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

I have hereunto set my hand on <u>August 19, 2020 | 7:06 AM CDT</u>, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA

---- DocuSigned by:

-----0FB835187311411...

Carol Grutkoski Chief of Staff and Operations Manager per Presidential Delegation ID_257866

Attorney Docket Number 0110.000602US01 UM Case No. 20180417

PATENT

RECORDED: 08/28/2020 REEL: 053629 FRAME: 0645

3