### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4208012

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

#### **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| ANDREAS BERGMANN  | 08/08/2016     |
| NILS MORGENTHALER | 07/18/2016     |
| JOACHIM STRUCK    | 08/15/2016     |
| BEAT MULLER       | 09/14/2016     |

#### **RECEIVING PARTY DATA**

| Name:           | BRAHMS GMBH        |
|-----------------|--------------------|
| Street Address: | NEUENDORFERSTR. 25 |
| City:           | HENNINGSDORF       |
| State/Country:  | GERMANY            |
| Postal Code:    | 16761              |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15180797 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)243-6410

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.

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Email: mail@mwzb.com

Correspondent Name: MILLEN, WHITE ZELANO & BRANIGAN

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Address Line 4: ARLINGTON, VIRGINIA 22201

|                         | -  |
|-------------------------|--|
| ATTORNEY DOCKET NUMBER: | SIMANDI-0004-C02   |
| NAME OF SUBMITTER:      | JANET M. JACOBS  |
| SIGNATURE:              | /Janet M. Jacobs/  |
| DATE SIGNED:            | 01/03/2017   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |
|                         | •  |

**Total Attachments: 4** 

PATENT REEL: 040828 FRAME: 0944

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source=Andreas-Bergmann#page1.tif source=Nils-Morgenthaler#page1.tif source=Joachim-Struck#page1.tif source=Beat-Muller#page1.tif

> PATENT REEL: 040828 FRAME: 0945

| Title of<br>Invention   | Diagnosis And Risk Stratification Of Infections And Chronic Diseases Of The Respiratory Tract<br>And Lungs By Means Of Provasopressin, Particularly Copeptin Or Neurophysin II   |
|---|--|
| As the below nan  | ned inventor, I hereby declare that:   |
| This declaration  | The attached application, or   |
| is directed to:   | United States Application or PCT International Application number 15/180.797 filed on June 13.   |
|   | fied application was made or authorized to be made by me.  |
|   | the original inventor or an original joint inventor of a claimed invention in the application.   |
| all patent(s) listed  | BRAHMS GMBH Neuendorferstr. 25 Henningsdorf, Germany 16761  d to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and labove, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, tall renewals, reissues, reexaminations and extensions thereof.   |
| ASSIGNOR here right, title and int and all Letters Pa thereof, and in an to accrue with res invention, SAID including any and which may be gravight to sue for dranising from or aprenewals, reissue representatives, it enjoyed the same | WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by essigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive erest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions d to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or spect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, it all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent unted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the unages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise opertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all s., reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal as a ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and if the assignment had not been made.  |
| and foreign count   | SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States tries for said invention and to assign the same to said ASSIGNEB, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon.  |
| AND A<br>any and all divisi   | SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.   |
| The unassignment inforce properly record to   | dersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to his document.  |
|   | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR   |
| fine or imprisonn   | y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nent of not more than five (5) years, or both.   |
| LEGAL NAME (Inventor:   | AND DATE: 8 M OL HOLLS + 2016  |
| Signature:  | "Will  |
|   | January Control of the Control of th |
|   |  |

Millen, White, Zelano & Branigan, P.C. Attorneys at Law

Arlington Courthouse Plaza 2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201 Telephone: 703.243.6333 | Pax: 703.243.6410

EMAIL: MAIL@MWZB:COM

Effective, September 16, 2012

| Title of<br>Invention   | Diagnosis And Risk Stratification Of Infections And Chronic Diseases Of The Respiratory Tract And Lungs By Means Of Provasopressin, Particularly Copeptin Or Neurophysin II  |
|---|--|
| As the below nam  | ied inventor, I hereby declare that:   |
| This declaration  | The attached application, or   |
| is directed to:   | United States Application or PCT International Application number 15/180,797 filed on June 13, 2016  |
| The above-identif   | fied application was made or authorized to be made by me.  |
| I believe that I an   | the original inventor or an original joint inventor of a claimed invention in the application.   |
| all patent(s) listed  | BRAHMS GMBH Neuendorferstr. 25 Henningsdorf, Germany 16761  id to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and tabove, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.   |
| ASSIGNOR here right, title and int and all Letters Pathereof, and in an to accrue with reinvention, SAID including any and which may be gravight to sue for dearlising from or agreenewals, reissue representatives, is | WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive erest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any dent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or spect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, it all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent anted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the amages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise opertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all s, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and to if the assignment had not been made. |
| and foreign coun  | ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States tries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to appears that may be needed in connection with securing Lotters Patents thereon.  |
|   | ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on ions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.   |
|   | dersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this mation which may be necessary or desirable in order for the United States Patent and Trademark Office to his document.  |
|   | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR   |
| fine or imprisonr   | y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nent of not more than five (5) years, or both.   |
| LEGAL NAME Inventor:  | OF INVENTOR NIIS MONGENTHALER Date: 18/07/2016   |
| Signature:  | Milli  |

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
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2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzb.com

Effective, September 16, 2012

PATENT REEL: 040828 FRAME: 0947

| Title of<br>Invention  | Diagnosis And Risk Stratification Of Infections And Chronic Diseases Of The Respiratory Tract And Lungs By Means Of Provasopressin, Particularly Copeptin Or Neurophysin II   |
|--|---|
| As the below nam   | ped inventor, I hereby declare that:  |
| This declaration   | The attached application, or  |
| is directed to:  | United States Application or PCT International Application number 15/180,797 filed on June 13, 2016   |
| The above-identif  | fied application was made or authorized to be made by me.   |
| I believe that I am  | the original inventor or an original joint inventor of a claimed invention in the application.  |
| all patent(s) listed   | BRAHMS GMBH Neuendorferstr. 25 Henningsdorf, Germany 16761  ed to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and I above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, I all renewals, reissues, reexaminations and extensions thereof.   |
| ASSIGNOR here right, title and int and all Letters Pa thereof, and in an to accrue with res invention, SAID including any anowhich may be grayight to sue for dearising from or a renewals, reissue representatives, i | WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive terest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any stent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or spect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, d all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent anted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the amages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise ppertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all s, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and as if the assignment had not been made. |
| and foreign coun   | ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States tries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to r papers that may be needed in connection with securing Letters Patents thereon.  |
|  | ASSIGNOR authorizes and requests the Commissioner of Patents and Tradomarks to issue a Letters Patent on ions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.  |
|  | dersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this mation which may be necessary or desirable in order for the United States Patent and Trademark Office to his document.   |
|  | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR  |
|  | by acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ment of not more than five (5) years, or both.   |
| LEGAL NAME<br>Inventor:  |   |
| Signature:   | Joachim STRUCK Date:  |
|  |   |

Millen, White, Zblano & Branigan, P.C.
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Email: mail@mwzb.com

Effective, September 16, 2012

PATENT REEL: 040828 FRAME: 0948

| Title of<br>Invention   | Diagnosis And Risk Stratification Of Infections And Chronic Diseases Of The Respiratory Tract And Lungs By Means Of Provasopressin, Particularly Copeptin Or Neurophysin II |
|---|---|
| As the below named inventor, I hereby declare that:   |   |
| This declaration  | The attached application, or  |
| is directed to:   | United States Application or PCT International Application number 15/180,797 filed on June 13, 2016   |
| The above-identit   | fied application was made or authorized to be made by me.   |
| I believe that I am   | the original inventor or an original joint inventor of a claimed invention in the application,  |
| AND WHEREAS   | ***************************************   |
| BRAHMS GMBH Neuendorferstr. 25 Henningsdorf, Germany 16761 hereinafter referred to as the ASSIGNEE, is destrous of acquiring the entire right, title, and interest in and to said invention and all patent(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, including any and all renewals, reissues, reexaminations and extensions thereof.   |   |
| NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNBE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made. |   |
| AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.  |   |
| AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.   |   |
| The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.  |   |
|   | IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR  |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.   |   |
|   | OF INVENTOR Beat MULLER  Date: Lept 14th 2e16   |
| Signature: _  |   |

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2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
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Effective, September 16, 2012

PATENT REEL: 040828 FRAME: 0949

RECORDED: 01/03/2017