507055846 01/04/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7102682

| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
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| NATURE OF CONVEYAN | ICE: | ASSIGNMENT | | | |
| CONVEYING PARTY DA | ATA | | | | |
| | | Name | | Execution Date | |
| HERIBERT BOHLEN | | | | 03/01/2007 | |
| EUGEN KOLOSSOV | | | | 03/01/2007 | |
| RALF KETTENHOFEN | | | 03/01/2007 | | |
| MELANIE SCHOLZ | | | 03/30/2007 | | |
| LEO FINK | | | | 02/28/2007 | |
| RECEIVING PARTY DA | ΤΑ | | | | |
| Name: | AXIOGENE | SIS AG | | | |
| Street Address: | NATTERM | ANNALLEE 1 | | | |
| Internal Address: | GEBAUDE | S20 | | | |
| City: | KOLN | | | | |
| State/Country: | GERMANY | | | | |
| Postal Code: | 50829 | | | | |
| PROPERTY NUMBERS Property Type | Total: 1 | Number | | | |
| Application Number: | 170 [.] | 71574 | _ | | |
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| CORRESPONDENCE D | 4TA | | | | |
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Total Attachments: 3

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ASSIGNMENT

WHEREAS, WE, Eugen Kolossov, Heribert Bohlen, Ralf Kettenhofen, Melanie Scholz and, Leo Fink, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the belowidentified application for United States Letters Patent:

Title of Invention: Non-Invasive, In Vitro Functional Tissue Assay Ssystems

Filing Date: 10/06/2006 Serial No.: 11/547,871

WHEREAS, Axiogenesis AG, a German corporation having a place of business at Nattermannallee 1, Gebäude S20, Köln, Germany 50829, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

| - States | <u> </u> | <u></u> 207-03-01 | R. Latter haf | 1007-03-01 |
|--|---------------------------|-------------------------|---|--|
| Eugen Kolossov | IΛ | Date 2007-03-01 | Ralf Kettenh ðf en | Date |
| Heribert Bohlen | | Date | Melanie Scholz | Date |
| Leo Fink | | Date | | |
| STATE OF |) | SS. | | |
| COUNTY OF |) | 33 . | | |
| On this undersigned Notary Public o on the basis of satisfactory e acknowledged that he/she/th SEAL | r Witness, evidence) t | 0 be the person(s) whos | , in the year of, e above-named ASSIGNOR, e name(s) is/are subscribed to V.C. NOTARY PUBLIC or WITH MY COMMISSION EXPIRE | known to me (or proven to me to the within instrument, and Sau |

PATENT REEL: 058539 FRAME: 0250

ASSIGNMENT

WHEREAS, WE, Eugen Kolossov, Heribert Bohlen, Ralf Kettenhofen, Melanie Scholz and, Leo Fink, hereinafter eferred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the belowdentified application for United States Letters Patent:

Filing Date: 10/06/2006 Serial No.: 11/547,871

WHEREAS, Axiogenesis AG, a German corporation having a place of business at Nattermannallee 1, Gebäude 320, Köln, Germany 50829, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and nterest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to add invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations n whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had his assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain _etters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the tate indicated below.

| | | | • | | |
|----------------------|--------------|----------|--------------------------|----------------------------|---------------------------------|
| | | | | M. Scholz | 30.3.2007 |
| | | | | Melanie Scholz | Date |
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| COUNTY OF | | Ś | | | |
| | - 6 | | 11 6 | | 7007 hatara ma tha |
| On this | 30. | day o | f <u>March</u> | , in the year of | 2007, before me, the |
| undersigned Notary | Public or V | Nitness, | personally appeared the | above-named ASSIGNU | R, known to me (or proven to me |
| on the basis of sati | sfactory evi | dence) t | o be the person(s) whose | e name(s) is/are subscribe | d to the within instrument, and |
| acknowledged that | he/she/the | y execut | ed the same. | | |

PUBLIC OF WITNESS

MY COMMISSION EXPIRES:

SEAL

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PATENT REEL: 058539 FRAME: 0251

# ASSIGNMENT

WHEREAS, WE, Eugen Kolossov, Heribert Bohlen, Ralf Kettenhofen, Melanie Scholz and, Leo Fink, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the belowidentified application for United States Letters Patent:

Title of Invention: Non-Invasive, In Vitro Functional Tissue Assay Ssystems

Filing Date: 10/06/2006 Serial No.: 11/547,871

WHEREAS, Axiogenesis AG, a German corporation having a place of business at Nattermannallee 1, Gebäude S20, Köln, Germany 50829, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum ( One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR hac this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's name to this Assignment on the date indicated below.

| Eugen Kolossov                                                                                        |              | Date                      | Ralf Kettenhofen                                                                                                                    | Date |
|-------------------------------------------------------------------------------------------------------|--------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------|
| Heribert Bohlen                                                                                       | ·            | Date                      | Melanie Scholz                                                                                                                      | Date |
| Conli                                                                                                 | -            | 2007-02-28                |                                                                                                                                     |      |
| Leo Fink                                                                                              |              | Date                      |                                                                                                                                     |      |
| STATE OF                                                                                              | )            |                           |                                                                                                                                     |      |
| COUNTY OF                                                                                             | )<br>^)      | SS.                       |                                                                                                                                     |      |
| On this 2<br>undersigned Notary Publ<br>on the basis of satisfacto<br>acknowledged that he/sh<br>SEAL | ry evidence) | ) to be the person(s) who | , in the year of,<br>he above-named ASSIGNOR, k<br>ose name(s) is/are subscribed to<br>NOTAR*PUBLIC or WITH<br>MY COMMISSION EXPIRE | ESS  |

PATENT REEL: 058539 FRAME: 0252

RECORDED: 01/04/2022