PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4727211

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| MATTHIAS KIPPING | 12/05/2017 |
| RALF SEIDEL | 12/05/2017 |
| JOHANNES ALKEN | 12/05/2017 |
| TORSTEN MÜLLER | 12/07/2017 |
| MAGNUS TREUDE | 12/05/2017 |

RECEIVING PARTY DATA

| Name: | SMS GROUP GMBH |
|-----------------|--------------------------|
| Street Address: | EDUARD-SCHLOEMANN-STR. 4 |
| City: | DÜSSELDORF |
| State/Country: | GERMANY |
| Postal Code: | 40237 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15735266 |

CORRESPONDENCE DATA

Fax Number: (703)991-7071

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: 703-740-8322

Email: patent@maierandmaier.com
Correspondent Name: MAIER & MAIER, PLLC

Address Line 1: 345 SOUTH PATRICK STREET Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 08600011US |
|-------------------------|--|
| NAME OF SUBMITTER: | TIMOTHY J. MAIER |
| SIGNATURE: | /Timothy J. Maier/ |
| DATE SIGNED: | 12/11/2017 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| | |

Total Attachments: 5

PATENT REEL: 044351 FRAME: 0809

504680489



Title of Invention: METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK

| <u>DECLARATION</u> | |
|---|----------------------|
| As a below named inventor, I hereby declare that: | |
| This declaration is directed to: The attached application, or | |
| United States application or PCT international application number, filed on | |
| | |
| The above-identified application was made or authorized to be made by ms. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56. | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. | |
| ASSIGNMENT | |
| WHEREAS, I, <u>Matthias KIPPING</u> , whose post office address is <u>Augustastraße 10, 57562 Herdorf, Germany</u> , hereinafter referred to as ASSIGNOR, am the owner of useful improvements in <u>METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK</u> (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: Decen Serial No.: 15/735,266 or established by PCT International Patent Application No.:filed on: designating the United States of America; | <u>ıber 11, 2017</u> |
| WHEREAS, SMS group GmbH, whose post office address is Eduard-Schloemann-Str. 4, 40237 Düsseldorf. Germany, hereinafter referred to as ASSIGNEE, are desirous of acquiring the entire right, title and interest in and to the same in the United States; | |
| NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application. | |
| ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives. | |
| ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made. | |
| ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office. | |
| Legal Name of Inventor: Matthias KIPPING | ÷ |
| x Muthin Kysx x 5.12.2017 | |
| Inventor's Signature Date | |

Title of Invention: METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK

| DECLARATION |
|---|
| As a below named inventor, I hereby declare that: |
| This declaration is directed to: |
| The attached application, or |
| United States application or PCT international application number, filed on |
| |
| The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56. |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. |
| ASSIGNMENT |
| WHEREAS, I, Raif SEIDEL, whose post office address is Batzbachstraße 24, 35690 Dillenburg, Germany, hereinafter referred to as |
| ASSIGNOR, am the owner of useful improvements in METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED |
| STOCK (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filled on:December 11, 2017 |
| Serial No.: 15/735,266 or established by PCT International Patent Application No.:filed on: |
| designating the United States of America; |
| |
| WHEREAS, SMS group GmbH, whose post office address is Eduard-Schloemann-Str. 4, 40237 Düsseldorf, Germany, hereinafter referred to as ASSIGNEE, are desirous of acquiring the entire right, title and interest in and to the same in the United States; |
| Millot to is no non-transfer and departing are store ings, and make the same at the contest states, |
| NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents |
| do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout |
| the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue |
| of said application. |
| ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and |
| maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents |
| that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNEE also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents |
| and information concerning the Invention that are within Assignor's possession or control, and to provide further assurances and |
| testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of |
| any patent application or patent encompassed within the terms of this instrument. Assignor's obligations under this instrument shall |
| extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives. |
| ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters |
| Patent referred to above to Assignee, as the Assignee of the entire right, title and interest in and to the same, for Assignee's sole use |
| and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such |
| Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not |
| been made. |
| ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document |
| needed to effect its recordal in the U.S. Patent and Trademark Office. |
| Legal Name of Inventor-Ralf SEIDEL |
| x Galf Server X 5. 12.2017 |
| Yayantay's Starbitusa |

Title of Invention: METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK

| DECLARATION | |
|---|---|
| As a below named inventor, I hereby declare that: | |
| This declaration is directed to: | |
| The attached application, or United States application or PCT international application n | umber filed on |
| Onesa states approached at C1 mestadoma approached in | ALLOW CITY OF THE PROPERTY OF |
| The above-identified application was made or authorized to be made by me inventor of a claimed invention in the application. I have reviewed and un including the claims, and any claim amendments made in the application. I material to patentability as defined in 37 CFR 1.56. | derstood the contents of the above-identified application, |
| I hereby acknowledge that any willful false statement made in this decimprisonment of not more than five (5) years, or both. | elaration is punishable under 18 USC 1001 by fine or |
| ASSIGNMENT | • |
| WHEREAS, I, Johannes ALKEN, whose post office address is Morgenstraß ASSIGNOR, am the owner of useful improvements in METHOD AND DEVICE STOCK (hereinafter referred to as the INVENTION) for which the above appeared No.: 15/735,266; or established by PCT Internation designating the United States of America; | FOR CONTROLLING A PARAMETER OF A ROLLED plication for United States Letters Patent was filed on:December 11, 201 |
| WHEREAS, <u>SMS group GmbH</u> , whose post office address is <u>Eduard-Sch</u> referred to as ASSIGNEE, are desirous of acquiring the entire right, title and inte | |
| NOW, THEREFORE, for good and valuable consideration, receipt of which do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and intended the United States of America, including any and all Letters Patent granted on an of said application. | rest in and to said INVENTION and application throughout |
| ALSO, ASSIGNOR hereby agrees to execute any documents that legally may maintenance of said application or any other patent application(s) in the United that may be required to affirm the rights of ASSIGNEE in and to said INVENTION without further consideration and at ASSIGNEE's expense, to identify and com and information concerning the INVENTION that are within ASSIGNOR's poss testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR any patent application or patent encompassed within the terms of this instrumented to ASSIGNOR's heirs, executors, administrators and other legal representations. | States for said Invention, including additional documents, all without further consideration. Assignor also agrees, immunicate to Assignor at Assignor elso documents ession or control, and to provide further assurances and in respect of the prosecution, maintenance and defense of ment. Assignor's obligations under this instrument shall |
| ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and behoof, and for the use and behoof of ASSIGNEE's legal representatives a Letters Patent may be granted, as fully and entirely as the same would have been made. | e and interest in and to the same, for ASSIGNEE'S sole use and successors, to the full end of the term for which such |
| ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC needed to effect its recordal in the U.S. Patent and Trademark Office. | to insert or complete any information in this document |
| Legal Name of Inventor; Johannes ALKEN | |
| x -7/2 | x 5.12. 2017 |
| Inventor's Signature | Date |
| | |

Title of Invention: METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK

| <u>DECLARATION</u> |
|---|
| As a below named inventor, I hereby declare that: |
| This declaration is directed to: The attached application, or |
| United States application or PCT international application number, filed on |
| |
| The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56. |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. |
| ASSIGNMENT |
| WHEREAS, I, Torsten MÜLLER, whose post office address is Im Kiel 9. 57223 Kreuztal, Germany, hereinafter referred to as Assignor, am the owner of useful improvements in METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: December 11, 2017 Serial No.: 15/735,266 ; or established by PCT International Patent Application No.:filed on: designating the United States of America; |
| WHEREAS, SMS group GmbH, whose post office address is Eduard-Schloemann-Str. 4, 40237 Düsseldorf, Germany, hereinafter referred to as ASSIONES, are desirous of acquiring the entire right, title and interest in and to the same in the United States; |
| NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application. |
| ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives. |
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| ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office. |
| Legal Name of Inventor: Torsten MÜLLER X 7. 12. 2017 |
| X V Mills X 7.12.2017 Inventor's Signature Date |
| |

Title of Invention: METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK

| <u>DECLARATION</u> |
|--|
| As a below named inventor, I hereby declare that: |
| This declaration is directed to: |
| The attached application, or United States application or PCT international application number, filed on |
| United States application of PC1 International application internal states application of PC1 International application in the states application in the states application in the states application application in the states application in the states application application application application and the states application application application application and the states application |
| The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. |
| Imprisonnent of not more than 199 (2) years, or some |
| ASSIGNMENT |
| WHEREAS, I, Magnus TREUDE, whose post office address is Mühlenweg 16, 57319 Bad Berleburg. Germany, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in METHOD AND DEVICE FOR CONTROLLING A PARAMETER OF A ROLLED STOCK (hereinafter referred to as the Invention) for which the above application for United States Letters Patent was filed on: December 11, 2017 Serial No.: 15/735,266 or established by PCT International Patent Application No.: designating the United States of America; |
| WHEREAS. SMS group GmbH, whose post office address is Eduard-Schloemann-Str. 4, 40237 Disseldorf, Germany, hereinafter referred to as ASSIGNEE, are desirous of acquiring the entire right, title and interest in and to the same in the United States; |
| NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I. ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application. |
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| ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made. |
| ASSIGNOR authorizes any member of the firm of Maler & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office. |
| Legal Name of Inventor: Magnus TREUDE |
| x M X Date Inventor's Signature X Date |
| Inventor's Signature Date |
| |

PATENT REEL: 044351 FRAME: 0815

RECORDED: 12/11/2017