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| Ale | exandria, VA 22313-1450 | | | Attorney Docket No. | 155229 | | |
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| Plea | ase record the attached document. | | | | | | |
| Total number of pages including cover sheet, attachments, and document: 3 | | | | | | | |
| 1. | A. Name of conveying parties: | | 2. A. Nar | me and address of receivir | ng party: | | |
| | [1] Kauko KARKKAIN [2] Tero ANTTILA | IEN | UPM-KYMMENE CORPORATIO ETELAESPLANADI 2, FI-00130 HELSINKI, FINLAND | | | | |
| | B. Additional name of conveying page [| arty attached? □ Yes ⊠ No | | | | | |
| 3, | A. Nature of conveyance: | | B. Add | ditional name & address a | | | |
| | | Merger | | □Y ₀ | es ⊠ No | | |
| | Security Agreement | Change of Name | | | | | |
| | Other | | | | | | |
| | B. Execution Date: [1] November [2] November 8, 2012 | r 15, 2012; | | | | | |
| 4. | A. Patent Application No. 13/699.1 | 1 <u>35</u> | B. Pato | ent No. | | | |
| | | Additional numbers attach | ed? Ycs 🛚 | ⊠ No | | | |
| | C. Title of Application: USABILITY OF STANDS MARKED FOR CUTTING IN TIMBER SUPPLY TO FACTORIES | | | | | | |
| 5. | Name and address of party to whom econcerning document should be mailed | | 6. Total nun | nber of applications and p | atents involved: 1 | | |
| | Name: James A. Oliff | | | e charge Deposit Accordee (37 CFR 3.41) in the | | | |
| | Address: OLIFF & BERRIDGE, 1 P.O. Box 320850 Alexandria, VA 22320 Phone Number: 703-836 Fax Number: 703-836 | -4850 6-6400 | | y overpayment or charge : ecount number 15-0461. | any underpayment to | | |
| | | | | | | | |
| 9. | Statement and signature. To the best of my knowledge and belief original document | f, the foregoing information | is true and corr | rect and any attached copy | is a true copy of the | | |
| | James A. Oliff, Registration No. 27,07: Alan Y. Liu, Registration No. 69,116 | 5 | <u>م</u> | ate: <u>November 30, 2012</u> | | | |

PATENT REEL: 029430 FRAME: 0540

ASSIGNMENT

| | Insert | (1) | Kauko KARKKAINEN | (2) | TOO ANTTILA | | | |
|---|--|---|--|--|---|--|--|--|
| (8-1) | Name(s) | (3) | | (4) | | | | |
| | of Inventor(s) | (5) | | (6) | | | | |
| | | (7) | | (8) | | | | |
| | | In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are kneeby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to | | | | | | |
| (9) | Insert Name of Assignee | (9) | UPM-KYMMENE CORPORA | TION | | | | |
| (10) | Insert Address of Assignee | (10) | Eteläesplanadi 2, FI-00130 He | lsinki, Finland | | | | |
| | | eirs, successors, assigns and legal representatives, tancrica as defined in 35 U.S.C. § 100, in the and all provisional, non-provisional, divisional, issue application(s), and all Letters Patent, by be granted on the invention known as | | | | | | |
| (11) | lusert Identification such as Title, Case Number, or Foreign | (11) | USABILITY OF STANDS MA | ARKED FOR CUI | ITING IN TIMBER SUPPLY TO FACTORIES | | | |
| | Application Number | (Arror | pey Docket No. 155229 | | · · · · · · · · · · · · · · · · · · · | | | |
| | | | for which the undersigned has (bave) executed an application for patent in the United States of America on even date herewith or | | | | | |
| (12) | Insert Date of Signing | | | | | | | |
| | of Application | (12) | on November 15, 201 | 2 | | | | |
| (13) | Alternative | (13) | U.S. Application Number | 13/699.1 | 95 | | | |
| | Identification for | | | 13/033.1. | 33 | | | |
| | filed applications | filed | November 30, 2012 | | | | | |
| claims of teexame to issue full right and agridentific | terference. 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree ination a grant of a valid Unit 5) Each undersigned authously and all patents resulting at to convey the entire interestices that this assignment is bin 6) Each undersigned hereb | s to execute and Converse states and from said therein as uting on A y grants to | are all papers and documents and ention for Protection of Industria and all affirmative acts which may patent to the Assignee. The Commissioner of the application(s) to the said Assigned and that he has not exceed assignor and Assignor's heirs, such efirm of OLIFF & BERRIDGE, | perform any set of Property or sime y be necessary to be U.S. Petent and see, as Assignee outed, and will not occasors, assigns PLC the power to | obtain, maintain or confirm by reissue or Trademark Office and other issuing authorities of the entire interest, and covenants that he has execute, any agreement(s) in conflict herewith, | | | |
| | In witness whereof, execut | ed by the | undersigned on the date(s) op | posite the under | signed name(s). | | | |
| Date | 15.11.2012 | | Inventor Signature | | (SEAL) | | | |
| Date | | | Inventor Signature | | (SEAL) | | | |
| Date | | *************************************** | Inventor Signature | | (SEAL) | | | |
| Date | | | Inventor Signature | ALL DE LEGIS AND A SECOND AND A SECOND ASSESSMENT AS A SECOND AS A | (SEAL) | | | |
| Date | | | Inventor Signature | *************************************** | (SEAL) | | | |
| Date | | | Inventor Signature | | (SEAL) | | | |
| Date | *** | | Inventor Signature | | (SEAL) | | | |
| Date | | | Inventor Signature | | (SEAL) | | | |
| This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Corsul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here: | | | | | | | | |
| Date | 15-11.2012 | ; | Witnes | 22-75 | 2 1 Kahanaa | | | |
| Date | | | The state of the s | | J. 201 17 Capacit | | | |
| Dace | 15.11. 201 | 25 | Witness | Mejo U | hakon Meesa Nillewas | | | |

PATENT REEL: 029430 FRAME: 0541

ASSIGNMENT

| | Insert | (1) | Kauko KARKKAINEN | (2) | Tero ANTTILA | | | |
|--|---|---|--|---|--|--|--|--|
| (1-8) | Name(s) | (3) | | (4) | | | | |
| | of Inventor(s) | (5) | | (6) | | | | |
| | | (7) | | (8) | 4 | | | |
| | In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration p the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersign, and hereby does assign, transfer and set over to | | | | | | | |
| (9) | insert Name of Assignce | (9) | UPM-KYMMENE CORPORAT | TON | | | | |
| (10) | Insert Address of Assignee | (10) | Eteläesplanadi 2, F1-00130 Hels | sinki, Finland | | | | |
| | | (hereinafter designated as the Assignoe) and Assignee's heirs, successors, assigns and legal representatives, the entire right, tide and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as | | | | | | |
| (11) | Insert Identification such as Title, Case | (11) | USABILITY OF STANDS MAI | RKED FOR CUT | TING IN TIMBER SUPPLY TO FACTORIES | | | |
| | Number, or Foreign Application Number | / A vina | mey Docket No. 155229 | | | | | |
| | | | | osted an applicat | ion for patent in the United States of America on | | | |
| | | | ate herewith or | manner met ei bebeseines. | was but out in the Camera parties as the tank | | | |
| (12) | Insert Date of Signing | | | | | | | |
| | of Application | (12) | on November 8, 2012 | | | | | |
| (13) | Alternative | (13) | U.S. Application Number | 13/699,13 | 45 | | | |
| | Identification for | * | •••• | 10/000,10 | | | | |
| | filed applications | filed | November 30, 2012 | | | | | |
| claims of recognition to issue full right and agree identifies | erference. 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree nation a gram of a valid Unit 5) Each undersigned autho any and all patents resulting t to convey the entire interested that this assignment is bit 6) Each undersigned here | s to executable to perform states and from said therein a ding on a yearns to the said to | rte all papers and documents and a ention for Protection of Industrial orm all affirmative acts which may patent to the Assignee, requests the Commissioner of the application(s) to the said Assigne ssigned, and that he has not execu- he firm of Ollier & Berringe, pu- the firm of Ollier & Berringe, pu- | perform any act y Property or simi be necessary to U.S. Patent and ic, as Assigner c ed, and will not cessors, assigns a C the power to | obtain, maintain or confirm by reissue or Trudemark Office and other issuing authorities f the entire interest, and covenants that he has execute, any agreement(s) in conflict herewirb. | | | |
| | In witness whereof, execut | ed by the | undersigned on the date(s) opp | osite the under | Ignes Agmers). | | | |
| Date | 11-8-201 | 2 | Inventor Signature | leu | | | | |
| Date | | <u>-</u> | Inventor Signature | | , | | | |
| Date | | | Inventor Signature | | (SEAL) | | | |
| Date | | | Inventor Signature | | (SEAL) | | | |
| Date | ************************************** | | Inventor Signature | | (SEAL) | | | |
| Date | | | Inventor Signature | * | (SEAL) | | | |
| Date | | | Inventor Signature | | (SEAL) | | | |
| Date . | 4.1. | | Inventor Signature | | (SEAL) | | | |
| neither, t | This assignment should pref then it should be signed before | erably be re at least | signed before: (a) a Notary Public two witnesses who also sign here | if width the U. | S.A. (b) 11 S. Consul if outside the U.S.A. If | | | |
| Date | 11-8-2012 | | Witness | 10 V | | | | |
| Date _ | 11-8-2018 | <u> </u> | Witness | Dall' | Ocem | | | |
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PATENT REEL: 029430 FRAME: 0542