505278329 01/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5325101 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| MASAHIRO HAYASHI | 01/12/2018 |
| YUMA TANABE | 01/12/2018 |
| AKINARI ISHIBE | 01/12/2018 |
| MASATAKE SATO | 01/12/2018 |
| AKIHITO KOBAYASHI | 01/23/2018 |

RECEIVING PARTY DATA

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| City: | NAGOYA-SHI, AICHI-KEN | | | | |
| State/Country: | JAPAN | | | | |
| Postal Code: | 467-8561 | | | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | | | |
|---------------------|----------|--|--|--|
| Application Number: | 16247724 | | | |

CORRESPONDENCE DATA

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NAME OF SUBMITTER: MARK L. GLEASON

SIGNATURE: /Mark L. Gleason/

DATE SIGNED: 01/15/2019

Total Attachments: 1

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PATENT REEL: 048004 FRAME: 0420

ASSIGNMENT

| | Insert | (1) | Masahiro HA | YASHI | (5) | Akihito KOE | BAYASHI | |
|---|--|---|---|--|--|--|--|--|
| | | (2) | Yuma TANA | ABE | (6) | | | |
| | Name(s) of Inventor(s) | (3) | Akinari ISHI | BE | (7) | | | |
| | | (4) | Masatake SA | то | (8) | | | |
| | • | | In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to | | | | | |
| (9) | Insert Name of Assignee | (9) | BROTHER | BROTHER KOGYO KABUSHIKI KAISHA | | | | |
| (10) | Insert Address of Assignee | (10) | 15-I Naeshiro-cho, Mizuho-ku, Nagoya, Aichi, 467-8561, Japan (hereinafter designated as the Assignee) the entire right, title and interest for the United States of Amel defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provinon-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters extensions, reissues and reexamination certificates that may be granted on the invention known as | | | | | |
| | | | | | | | | |
| (11) | Insert Identification | (11) | IMAGE-RE | CORDING APPARATU | IS INCLUDIN | G WALL POR | TION PROVIDE | D IN |
| | of Invention such as Title, Case | | STORAGE | CHAMBER OF TANK | CONNECTA | BLE TO LIQU | JID CARTRIDGE | |
| | Number, or Foreign Application Number | | (Attorney Do | cket No. | | | |) |
| | | | for which the | undersigned has (have) e | xecuted an app | olication for pate | ent in the United St | ates of America |
| (12) | Insert Date of Signing of Application | (12) | on | Jan. 12, 2018 | f. 6 | Jan. 23, | 7018 | |
| (13) | Alternative | (13) | U.S. applicati | on Serial Number | 16/247 | 7,724 | · | |
| | Identification for filed applications | | filed | Ja | nuary 15, | 201 <u>9</u> | | |
| patents applicati Assigne claims c reexaml States r right to herewith | ons for the invention, as the Assignees may 2) The undersigned on or continuation or e in every way possible 3) The undersigned or provisions of the Interval of a valuation a grant of a valuation a grant of a valuation from said approximation of the undersigned esulting from said approximation of the undersigned of the undersigned of the undersigned approximation of the undersigned approximati | and ard deem agreed division of agreed agreed agreed dividing the agreed of agreed in the agreed in | ny patent(s) iss n necessary, e(s) to execute on thereof, or obtaining eviden e(s) to execute and Convention e(s) to perform ed States pate by authorize(s) on(s) to the said nerein assigne- oy grant(s) the old in order to | and request(s) the Corr I Assignee, as Assignee d, and that he has (they firm of Merchant & Gor comply with the rules of | connection with pplication base in such interfere ents and performation in the performance of the entire in the policies of the entire in the policies of the United States of th | ate assignment of any interferenced thereon, for once. If any act whe similar agreemencessary to of Patents to Issue offerest, and her ecuted, and will ower to Insert of ates Patent and | ts in connection with the which may be of the invention, and the invention, and the invention of the inventi | h such applications and declared concerning any in cooperate with the sary in connection with confirm by reissue or a Patents of the United the has (they have) full agreements in conflict any further identification |
| | • | | - | dersigned on the date(s | | _ | | |
| Date | dam, ic | 2, 2 | 2018 | Name of Inventor | Masahiro HA | YASHI YA | yash. | (SEAL) |
| Date | gan. | 12, | 2018 | Name of Inventor | Yuma TANA | L Panalu BE | e | (SEAL) |
| Date | • | | | · Name of Inventor | Aviitant 191111 | , | ! | |
| Date | - Jan . 1 | ۷, | 2018 | Name of Inventor | Masatake SA | <u>ke Swo</u> | | (SEAL) |
| Date | Jan. | 23, | 2018 | Name of Inventor | Akihito KOB. | o Kobayan AYASHI | ehi | (SEAL) |
| Date | · | _ | | Name of Inventor | | | | (SEAL) |

PATENT REEL: 048004 FRAME: 0421

RECORDED: 01/15/2019