506189743 08/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6236482

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| KENT L. GEE | 03/25/2019 |
| SCOTT D. SOMMERFELDT | 03/25/2019 |
| SCOTT L. THOMSON | 03/25/2019 |

RECEIVING PARTY DATA

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| City: | PROVO | | |
| State/Country: | UTAH | | |
| Postal Code: | 84602 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16967521 | |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | ORNEY DOCKET NUMBER: 280773WOUS01_495273-72 | |
|---|--|--|
| NAME OF SUBMITTER: MARCUS S. SIMON | | |
| SIGNATURE: /Marcus S. Simon, Reg.# 50258/ | | |
| DATE SIGNED: 08/05/2020 | | |

Total Attachments: 2

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PATENT 506189743 REEL: 053410 FRAME: 0725

ASSIGNMENT

WHEREAS, I/We, the undersigned, (hereinafter, the "Assignor"), have invented one or more inventions disclosed in an international patent application filed in the United States Receiving Office for the Patent Cooperation Treaty ("PCT") on March 21, 2019, titled "VACUUM-ASSISTED TOILET SYSTEMS AND METHODS OF USING THE SAME," and having an International Application No. PCT/US2019/023410 ("the PCT Application");

WHEREAS, Assignor desires to assign any and all right, title and interest to said PCT Application, and any provisional, non-provisional, utility, continuation, continuation-in-part, divisional, international, foreign, regional, and convention applications corresponding thereto, and any and all Letters Patent of the countries and regions designated therein which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the countries designated therein (the "Patent Rights");

WHEREAS, BRIGHAM YOUNG UNIVERSITY, having its principal place of business at Technology Transfer Office, 3760 Harold B. Lee Library, Provo UT 84602 (the "Assignee"), desires to acquire any and all, right, title, and interest of Assignor in and to the one or more inventions, the PCT Application, the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transfer and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the one or more inventions, the PCT Application, the Patent Rights, and any and all Letters Patent to be obtained therefor;

Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

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Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

Assignor hereby authorizes said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in any and all foreign countries designated in the International application and regions, in its own name if desired, and additionally to claim priority to the filing date of the International application and otherwise take advantage of the provisions of any International conventions.

Assignor authorizes and requests any official of any State (Country) whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to Assignee, its successors and assigns, in accordance herewith;

Assignor hereby authorizes Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the application number, filing date, and title of the PCT Application once known.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

| Kent | | | Gee |
|--------------------|---|------------------------|-----------------------|
| (GIVEN NAME) | (MIDDLE INIT) | IAL OR NAME) | FAMILY (OR LAST NAME) |
| Signature 1 | <u> </u> | Date | 125/19 |
| | | | |
| Inventor 2 | | | |
| Scott | D. | | Sommerfeldt |
| (GIVEN NAME) | (MIDDLE INITI | IAL OR NAME) | FAMILY (OR LAST NAME) |
| Signature Joo | th Sommerfild T | Date3/2 | 5/2019 |
| | | | |
| Inventor 3 | | | |
| Scott | | | Thomson |
| (GIVEN NAME) | (MIDDLE INITI | IAL OR NAME) | FAMILY (OR LAST NAME) |
| Signature \(\(\) | <u>. [</u> | Date $\frac{3/2!}{2!}$ | 5/2019 |
| | | 4. 人类类。 | |

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Inventor 1