US008689367B2

(12) **United States Patent**
Nguyen

(10) **Patent No.: US 8,689,367 B2**
(45) **Date of Patent: Apr. 8, 2014**

(54) **ADJUSTABLE TOILET SEAT HANDLE**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 56 days.

(21) Appl. No.: **13/439,120**

(22) Filed: **Apr. 4, 2012**

(65) **Prior Publication Data**

US 2013/0263368 A1 Oct. 10, 2013

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/415,734, filed on Mar. 14, 2012, now abandoned.

(51) **Int. Cl.**
A47K 13/10 (2006.01)

(52) **U.S. Cl.**
USPC **4/246.1**

(58) **Field of Classification Search**
USPC ..... 4/246.1, 661; 16/422, 426, 417, 441, 16/DIG. 24, DIG. 25
See application file for complete search history.

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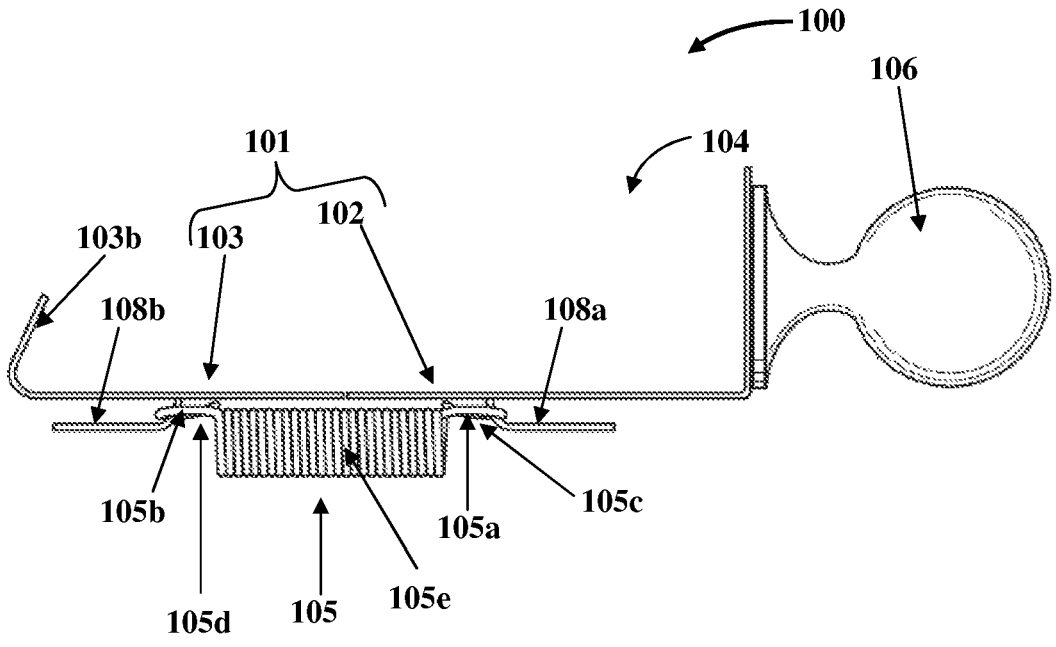
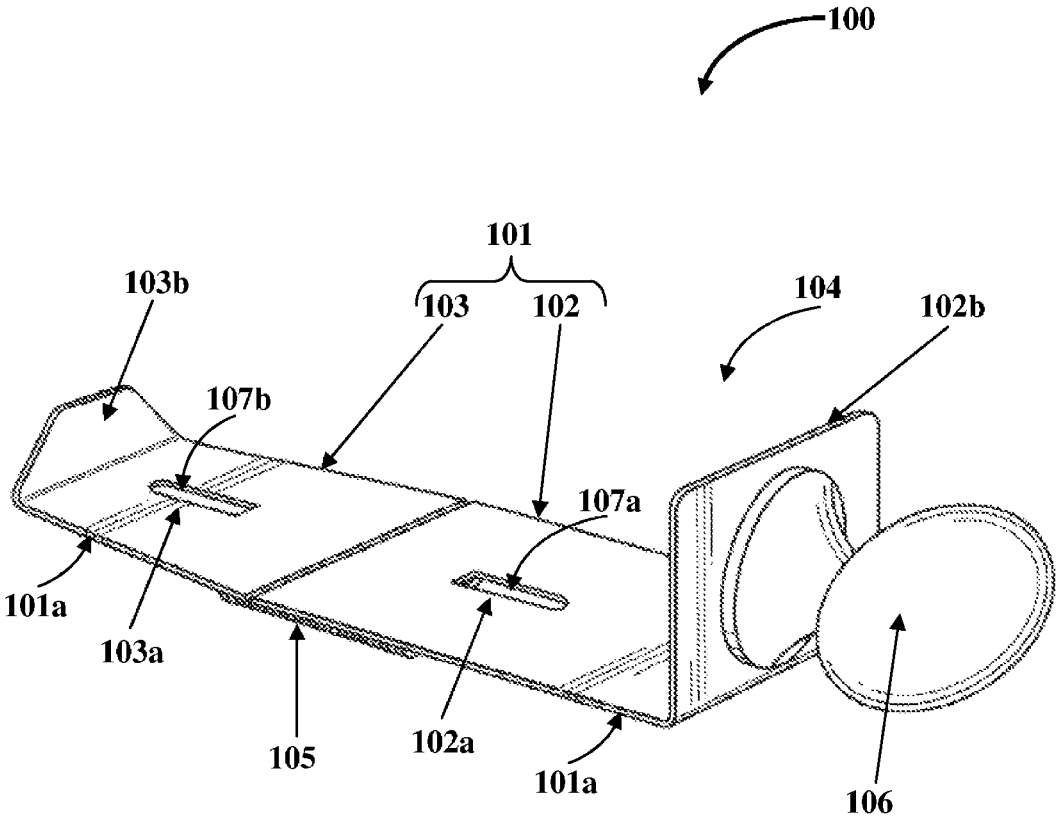
(57) **ABSTRACT**

An adjustable toilet seat handle including a clamping assembly, a spring member, and a knob is provided. The clamping assembly having a first clamp and a second clamp is removably connected to an undersurface of a toilet seat. A spring member connects the first clamp to the second clamp for defining a receptacle that compression fits the undersurface of the toilet seat. The spring member is operably connected to a lower surface of the clamping assembly and extends a distance between the first clamp and the second clamp to allow the undersurface of the toilet seat to be compression fitted in the receptacle. The knob is rigidly attached to and extends outwardly from the first clamp and can be gripped by a user to allow the user to raise or lower the toilet seat without direct contact with the toilet seat.

12 Claims, 10 Drawing Sheets

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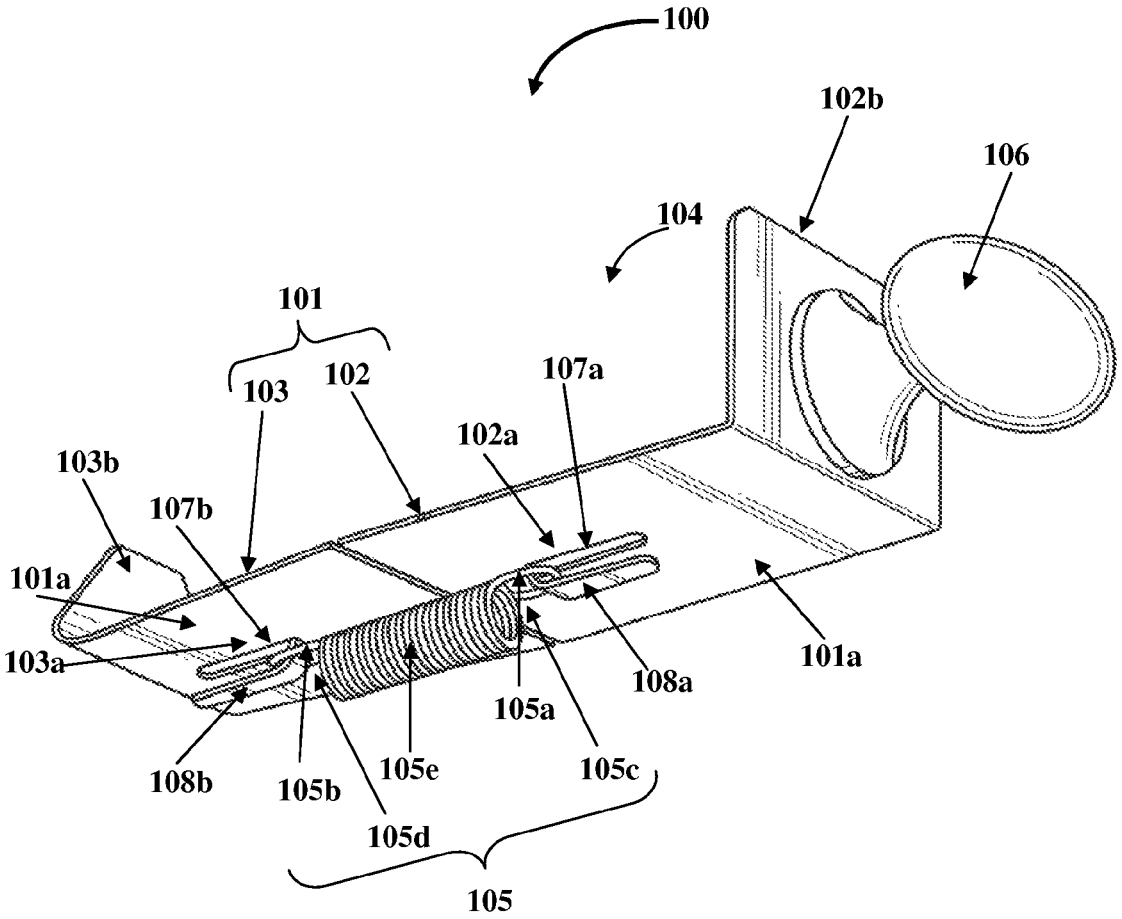
103
102
104
102b
107b
107a
101a
103a
105
102a
101a
106

FIG. 1A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102b
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104
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103
102
107a
102a
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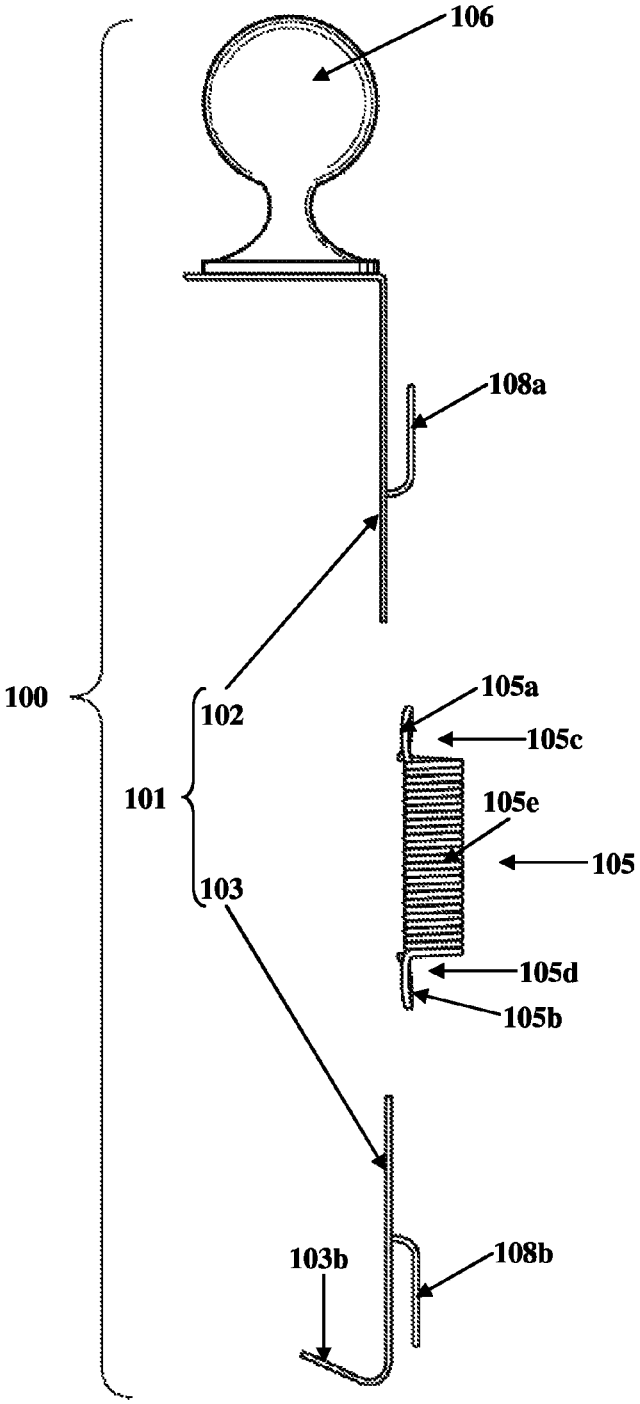
108a
101a
105a
108b
105b
105e
105c
105d
105

FIG. 1B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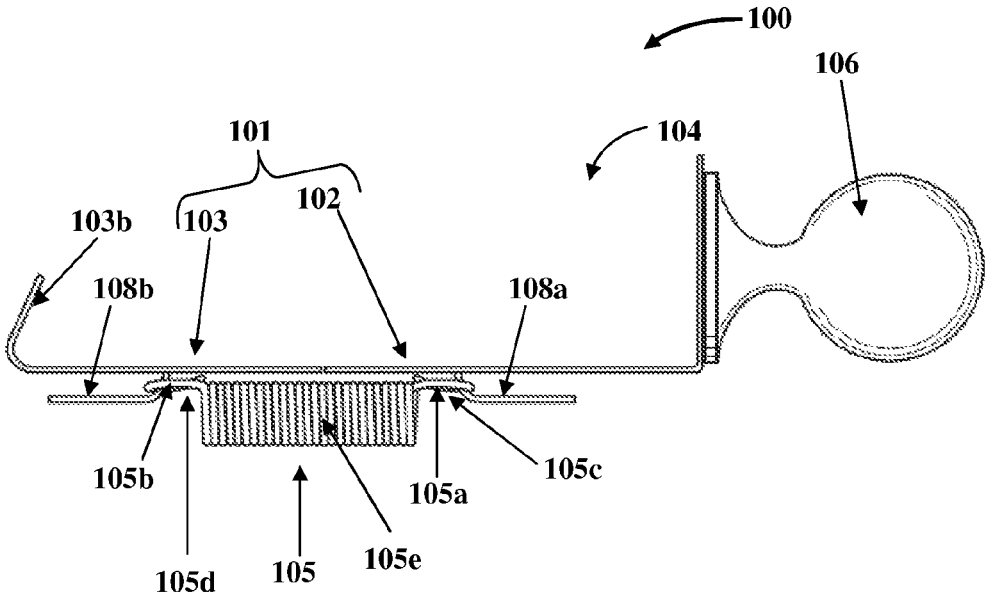
108a
100
102
101
103
105a
105c
105e
105
105d
105b
103b
108b

FIG. 2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106
101
104
102
103b
103
108b
108a
105b
105c
105a
105d
105
105e

FIG. 3

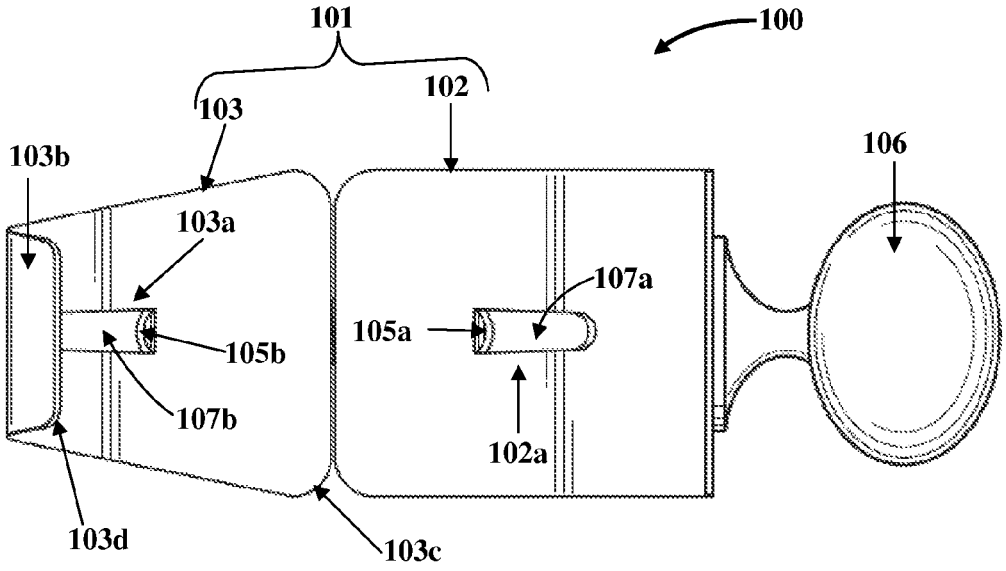
101
100
103
102
106
103b
103a
107a
105a
105b
107b
102a
103d
103c

FIG. 4

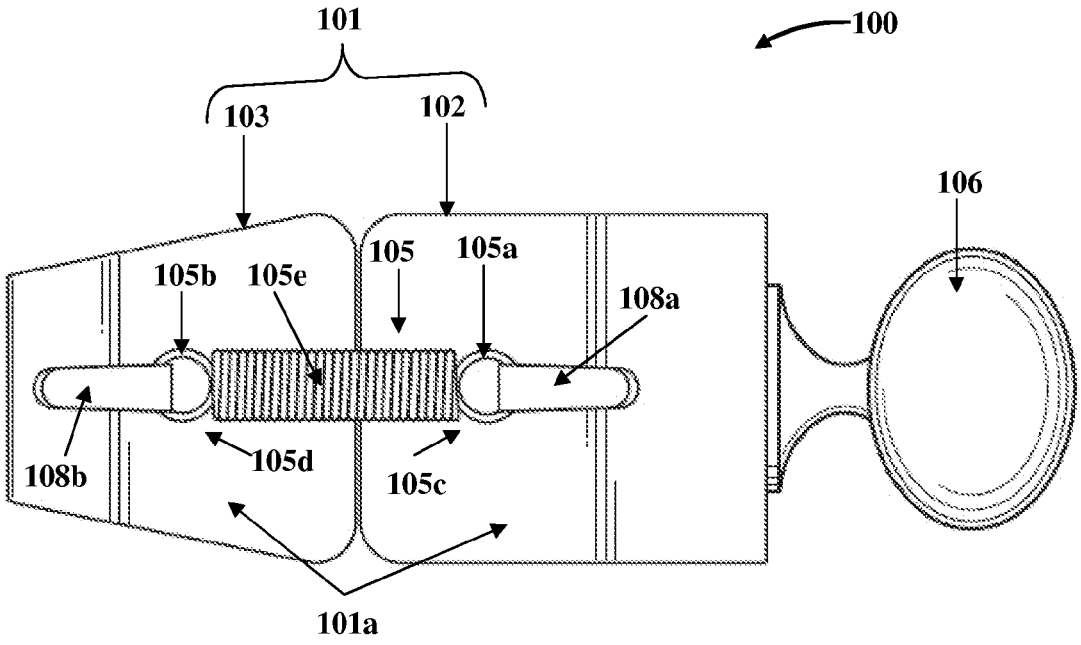
101
100
103
102
106
105
105a
105b
105e
108a
108b
105d
105c
101a

FIG. 5

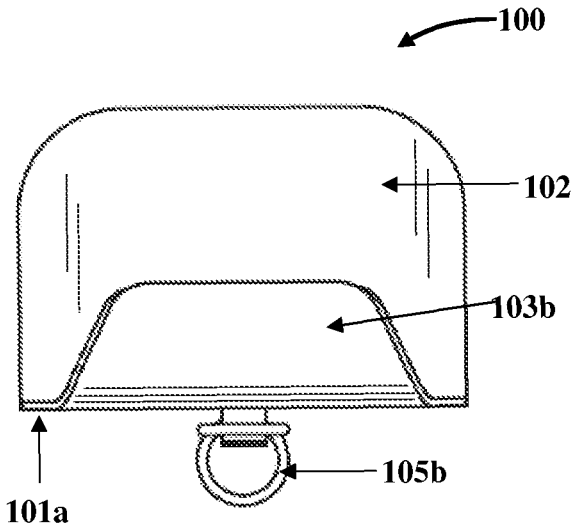

FIG. 6

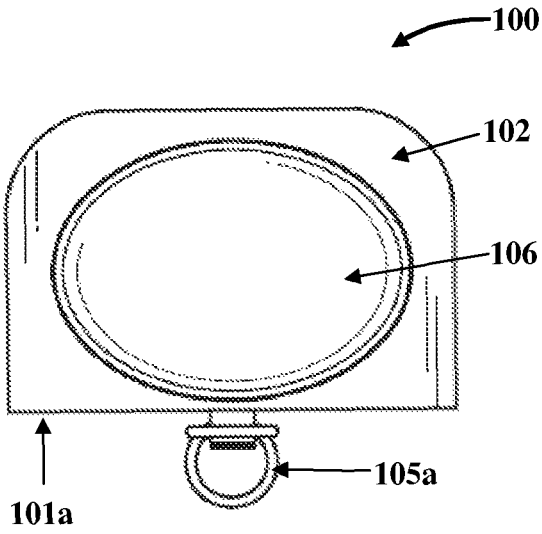

FIG. 7

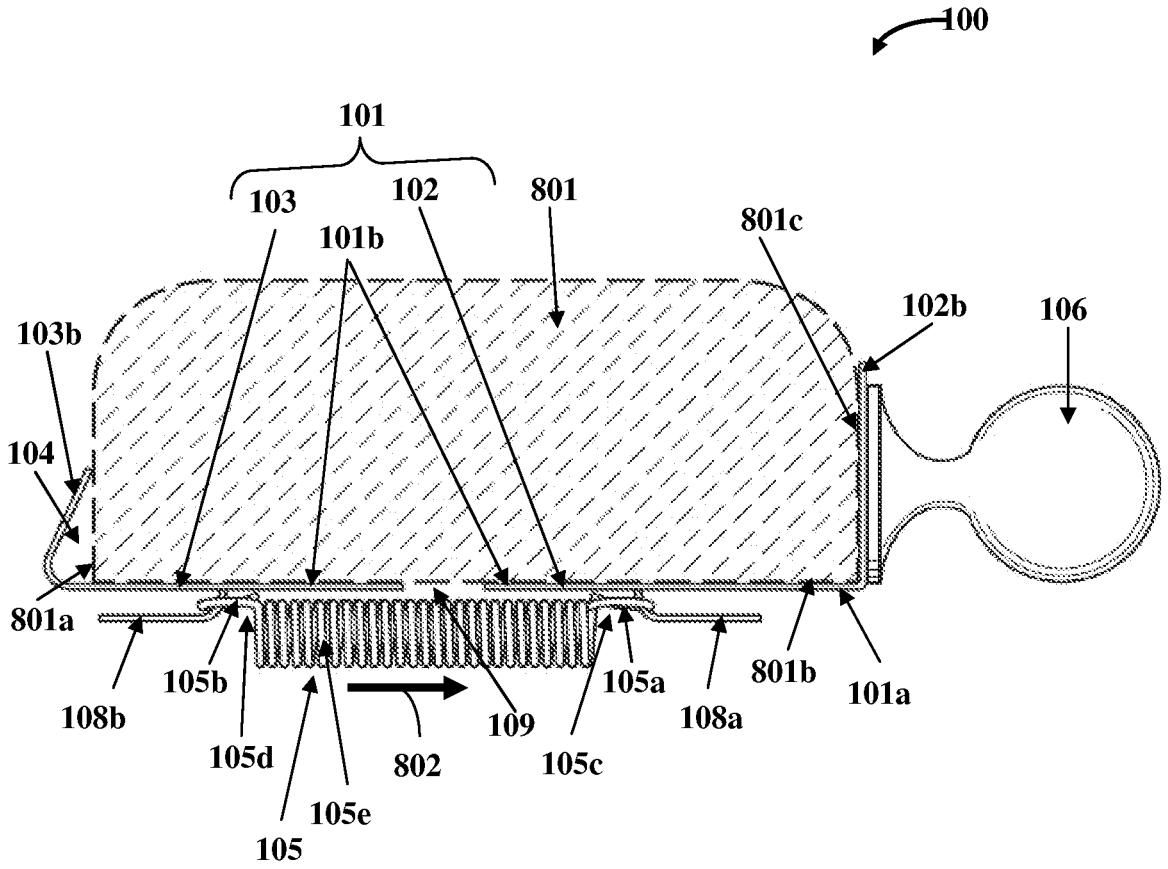
100
101
103
102
801
801c
101b
102b
106
103b
104
801a
108b
105b
105d
105
105e
802
109
105c
105a
108a
801b
101a

FIG. 8

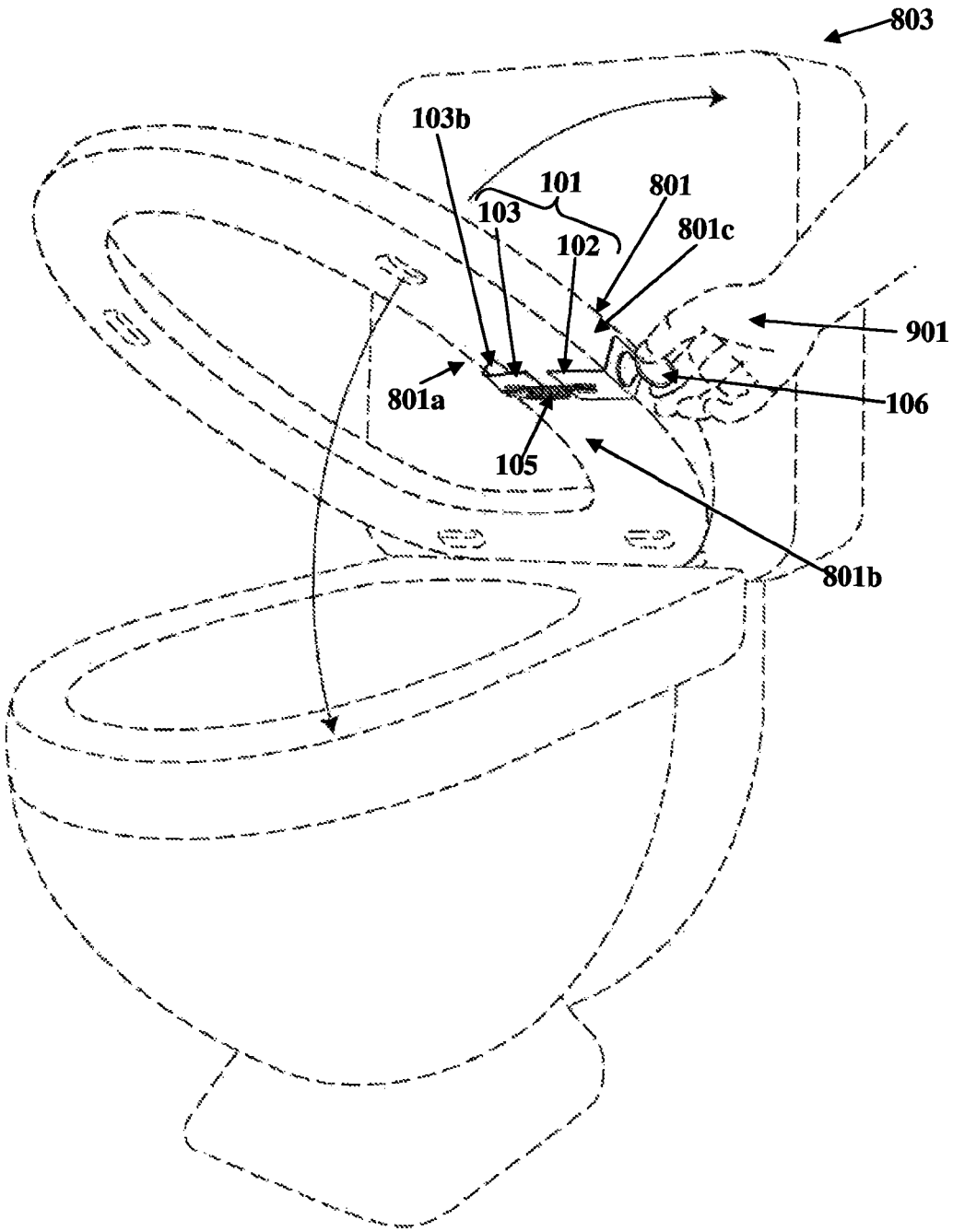

FIG. 9

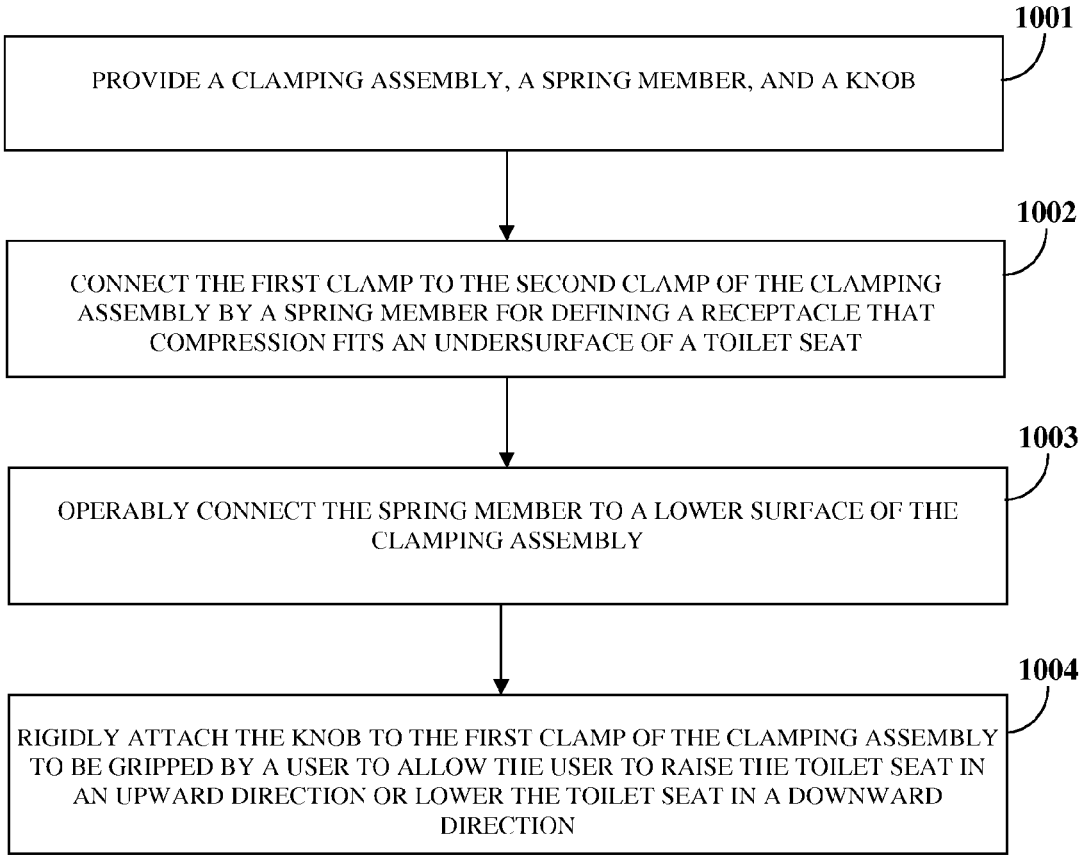
1001
PROVIDE A CLAMPING ASSEMBLY, A SPRING MEMBER, AND A KNOB
1002
CONNECT THE FIRST CLAMP TO THE SECOND CLAMP OF THE CLAMPING ASSEMBLY BY A SPRING MEMBER FOR DEFINING A RECEPTACLE THAT COMPRESSION FITS AN UNDERSURFACE OF A TOILET SEAT
1003
OPERABLY CONNECT THE SPRING MEMBER TO A LOWER SURFACE OF THE CLAMPING ASSEMBLY
1004
RIGIDLY ATTACH THE KNOB TO THE FIRST CLAMP OF THE CLAMPING ASSEMBLY TO BE GRIPPED BY A USER TO ALLOW THE USER TO RAISE THE TOILET SEAT IN AN UPWARD DIRECTION OR LOWER THE TOILET SEAT IN A DOWNWARD DIRECTION

FIG. 10

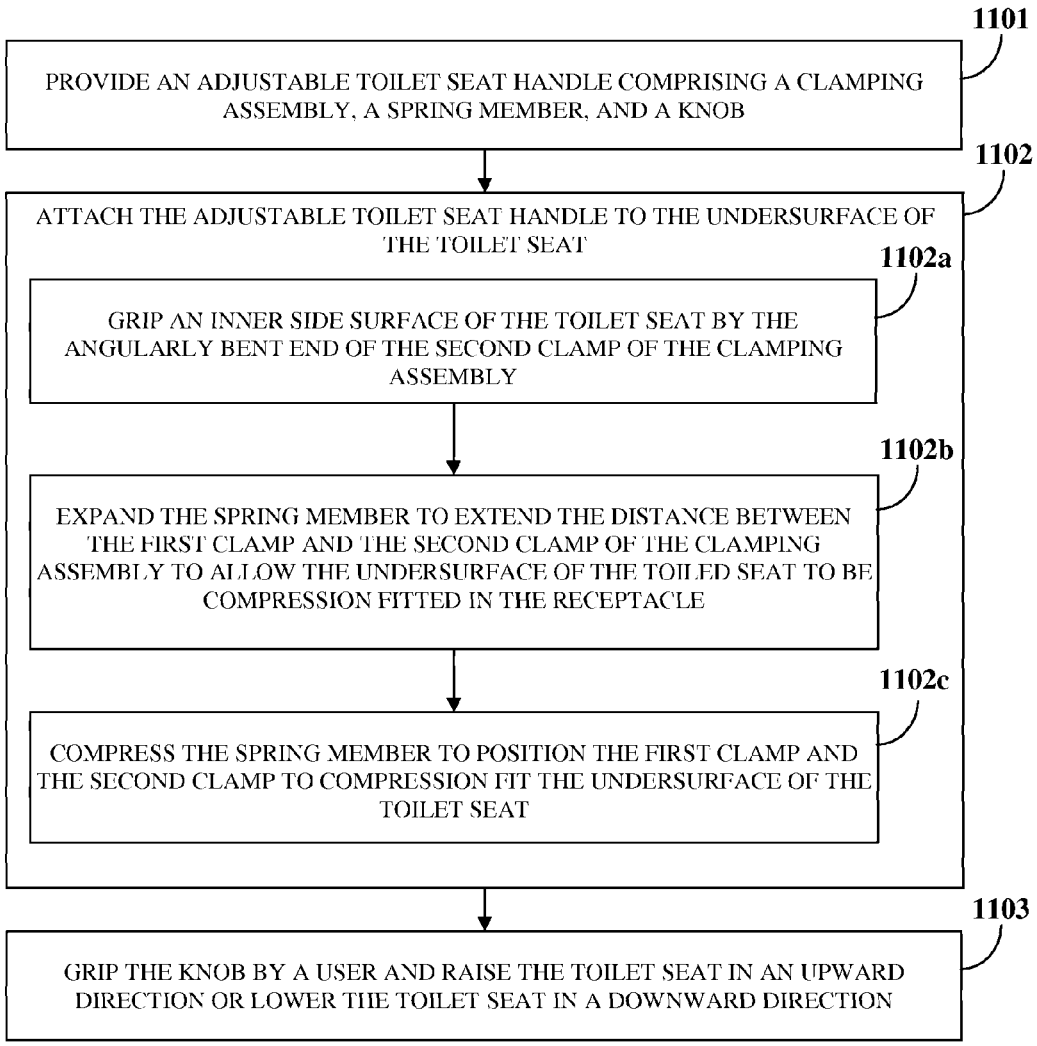
1101
PROVIDE AN ADJUSTABLE TOILET SEAT HANDLE COMPRISING A CLAMPING ASSEMBLY, A SPRING MEMBER, AND A KNOB
1102
ATTACH THE ADJUSTABLE TOILET SEAT HANDLE TO THE UNDERSURFACE OF THE TOILET SEAT
1102a
GRIP AN INNER SIDE SURFACE OF THE TOILET SEAT BY THE ANGULARLY BENT END OF THE SECOND CLAMP OF THE CLAMPING ASSEMBLY
1102b
EXPAND THE SPRING MEMBER TO EXTEND THE DISTANCE BETWEEN THE FIRST CLAMP AND THE SECOND CLAMP OF THE CLAMPING ASSEMBLY TO ALLOW THE UNDERSURFACE OF THE TOILED SEAT TO BE COMPRESSION FITTED IN THE RECEPTACLE
1102c
COMPRESS THE SPRING MEMBER TO POSITION THE FIRST CLAMP AND THE SECOND CLAMP TO COMPRESSION FIT THE UNDERSURFACE OF THE TOILET SEAT
1103
GRIP THE KNOB BY A USER AND RAISE THE TOILET SEAT IN AN UPWARD DIRECTION OR LOWER THE TOILET SEAT IN A DOWNWARD DIRECTION

FIG. 11

ADJUSTABLE TOILET SEAT HANDLE

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation-in-part of U.S. Design application Ser. No. 29/415,734, titled "Adjustable Toilet Seat Handle", filed Mar. 14, 2012, in the United States Patent and Trademark Office, and is hereby incorporated by reference in its entirety.

BACKGROUND

Due to its proximity to a toilet bowl, a toilet seat is likely to get contaminated by germs from the toilet bowl. Since a toilet is generally not sanitized following each use, germs residing on the toilet seat may be transferred to users who raise or lower the toilet seat before or after use. A user of the toilet typically uses his/her hand to raise or lower the toilet seat by manually grasping an edge or an undersurface of the toilet seat, which may transfer germs to the user's hand and may cause the user to contract infections. Conventional toilet seat handles used to avoid direct hand contact with the toilet seat typically do not fit a toilet seat of different sizes and cannot be adjusted to compression fit on a toilet seat of different sizes.

Hence, there is a long felt but unresolved need for an adjustable toilet seat handle that is configurable to compression fit on a toilet seat of any size for allowing a user to raise or lower the toilet seat without direct hand contact with the toilet seat.

SUMMARY OF THE INVENTION

This summary is provided to introduce a selection of concepts in a simplified form that are further disclosed in the detailed description of the invention. This summary is not intended to identify key or essential inventive concepts of the claimed subject matter, nor is it intended for determining the scope of the claimed subject matter.

The apparatus disclosed herein addresses the above mentioned need for an adjustable toilet seat handle that is configurable to compression fit on a toilet seat of any size for allowing a user to raise or lower the toilet seat without direct hand contact with the toilet seat. The adjustable toilet seat handle disclosed herein comprises a clamping assembly, a spring member, and a knob. The clamping assembly is configured to removably connect to an undersurface of a toilet seat. The clamping assembly comprises a first clamp and a second clamp. The first clamp is connected to the second clamp by a spring member for defining a receptacle that compression fits the undersurface of the toilet seat. The first clamp is, for example, an L-shaped clamp. The second clamp comprises an angularly bent end configured for gripping an inner side surface of the toilet seat.

In an embodiment, a slot is positioned at a predetermined location, for example, at a mid-section on each of the first clamp and the second clamp of the clamping assembly for adjustably positioning each of the first clamp and the second clamp on the undersurface of the toilet seat. The predetermined location of the slot is determined, for example, based on a length of the spring member. In an embodiment, a hook member extends downwardly from the slot of each of the first clamp and the second clamp of the clamping assembly, below the lower surface of the clamping assembly for supporting the spring member. In an embodiment, the slot is adjustably constructed to enable configuration of the hook member extending downwardly from the slot of each of the first clamp and the second clamp of the clamping assembly.

The spring member of the adjustable toilet seat handle is operably connected to a lower surface of the clamping assembly. The spring member is, for example, a tension spring made of stainless steel. The spring member is configured to extend a distance between the first clamp and the second clamp of the clamping assembly to allow the undersurface of the toilet seat to be compression fitted in the receptacle. The upper surface of the clamping assembly is configured to grippingly contact the undersurface of the toilet seat. The spring member comprises a loop opening at each opposing end of the spring member for connecting each opposing end of the spring member onto the hook member that extends downwardly from the slot of each of the first clamp and the second clamp of the clamping assembly.

The knob is rigidly attached to and extends outwardly from the first clamp of the clamping assembly. The knob is configured to be gripped by a user to allow the user to raise the toilet seat in an upward direction or lower the toilet seat in a downward direction without direct contact with the toilet seat. The shape of the knob is, for example, a spherical shape, a cylindrical shape, a cubical shape, a square shape, a rectangular shape, or any other shape suitable for gripping by a user.

BRIEF DESCRIPTION OF THE DRAWINGS

The foregoing summary, as well as the following detailed description of the invention, is better understood when read in conjunction with the appended drawings. For the purpose of illustrating the invention, exemplary constructions of the invention are shown in the drawings. However, the invention is not limited to the specific methods and components disclosed herein.

FIG. **1**A exemplarily illustrates a front isometric view of an adjustable toilet seat handle.

FIG. **1**B exemplarily illustrates a bottom isometric view of the adjustable toilet seat handle.

FIG. **2** exemplarily illustrates a disassembled orthographic view of the adjustable toilet seat handle.

FIG. **3** exemplarily illustrates an assembled orthographic view of the adjustable toilet seat handle.

FIG. **4** exemplarily illustrates a top orthographic view of the adjustable toilet seat handle.

FIG. **5** exemplarily illustrates a bottom orthographic view of the adjustable toilet seat handle.

FIG. **6** exemplarily illustrates a left side orthographic view of the adjustable toilet seat handle.

FIG. **7** exemplarily illustrates a right side orthographic view of the adjustable toilet seat handle.

FIG. **8** exemplarily illustrates a front orthographic view of the adjustable toilet seat handle attached to an undersurface of a toilet seat.

FIG. **9** exemplarily illustrates a front perspective view, showing the adjustable toilet seat handle attached to an undersurface of a toilet seat for allowing a user to raise the toilet seat in an upward direction or lower the toilet seat in a downward direction without direct contact with the toilet seat.

FIG. **10** illustrates a method for assembling an adjustable toilet seat handle.

FIG. **11** illustrates a method for raising or lowering a toilet seat without direct contact with the toilet seat.

DETAILED DESCRIPTION OF THE INVENTION

FIG. **1**A exemplarily illustrates a front isometric view of an adjustable toilet seat handle **100**. The adjustable toilet seat

handle **100** comprises a clamping assembly **101**, a spring member **105**, and a knob **106**. The clamping assembly **101** is configured to removably connect to an undersurface **801***b* of a toilet seat **801** as exemplarily illustrated in FIGS. **8-9**. The clamping assembly **101** comprises a first clamp **102** and a second clamp **103**. The first clamp **102** is connected to the second clamp **103** by the spring member **105** for defining a receptacle **104** that compression fits the undersurface **801***b* of the toilet seat **801**. In an embodiment, the first clamp **102** is an L-shaped clamp as exemplarily illustrated in FIGS. **2-3** and FIG. **8**. The second clamp **103** comprises an angularly bent end **103***b* configured for gripping an inner side surface **801***a* of the toilet seat **801** as exemplarily illustrated in FIGS. **8-9**.

The spring member **105** of the adjustable toilet seat handle **100** is operably connected to a lower surface **101***a* of the clamping assembly **101** as disclosed in the detailed description of FIG. **1**B. The knob **106** is rigidly attached to and extends outwardly from the first clamp **102** of the clamping assembly **101**. The knob **106** is rigidly attached proximal to the upper end **102***b* of the L-shaped first clamp **102**. The knob **106** is configured to be gripped by a user to allow the user to raise the toilet seat **801** in an upward direction or lower the toilet seat **801** in a downward direction without direct contact with the toilet seat **801** as exemplarily illustrated in FIG. **9**. In an embodiment, the first clamp **102** and the second clamp **103** comprise slots **107***a* and **107***b* respectively, positioned at predetermined locations, for example, at their mid-sections **102***a* and **103***a* respectively as disclosed in the detailed description of FIG. **4**. The slots **107***a* and **107***b* enable a user to adjustably position the first clamp **102** and the second clamp **103** respectively on the undersurface **801***b* of the toilet seat **801**. The predetermined location of each of the slots **107***a* and **107***b* is determined, for example, based on a length of the spring member **105**.

FIG. **1**B exemplarily illustrates a bottom isometric view of the adjustable toilet seat handle **100**. The spring member **105** operably connected to the lower surface **101***a* of the clamping assembly **101** of the adjustable toilet seat handle **100** is exemplarily illustrated in FIG. **1**B. The spring member **105** is, for example, a tension spring made of stainless steel. The stainless steel tension spring member **105** is moisture resistant and is therefore effective for use in the typically wet environment around a toilet bowl. Due to its corrosive resistant nature, the stainless steel tension spring member **105** can be used in a high moisture environment without corroding. In an embodiment, the adjustable toilet seat handle **100** further comprises hook members **108***a* and **108***b* that extend downwardly from the slots **107***a* and **107***b* of the first clamp **102** and the second clamp **103** respectively, of the clamping assembly **101**. The hook members **108***a* and **108***b* extend below the lower surface **101***a* of the clamping assembly **101** for supporting the spring member **105**. The spring member **105** has a helically coiled body **105***e* and comprises loop openings **105***a* and **105***b* at the opposing ends **105***c* and **105***d* respectively, of the helically coiled body **105***e* of the spring member **105**. The loop openings **105***a* and **105***b* connect the opposing ends **105***c* and **105***d* of the spring member **105** respectively to the hook members **108***a* and **108***b* of the first clamp **102** and the second clamp **103** respectively. The hook members **108***a* and **108***b* of the first clamp **102** and the second clamp **103** respectively allow the spring member **105** to be removed and replaced easily.

The slots **107***a* and **107***b* of the first clamp **102** and the second clamp **103** respectively are adjustably constructed to enable configuration of the hook members **108***a* and **108***b* respectively extending downwardly from the slots **107***a* and **107***b* of the first clamp **102** and the second clamp **103** respectively. The slots **107***a* and **107***b* enable a user to view the spring member **105** from the top of the adjustable toilet seat handle **100** to ensure that the spring member **105** is correctly positioned and attached to the hook members **108***a* and **108***b*, prior to attaching the adjustable toilet seat handle **100** to the undersurface **801***b* of the toilet seat **801** exemplarily illustrated in FIGS. **8-9**. The predetermined locations for positioning the slots **107***a* and **107***b* on the first clamp **102** and the second clamp **103** respectively can be varied based on the length of the spring member **105**.

FIG. **2** and FIG. **3** exemplarily illustrate a disassembled orthographic view and an assembled orthographic view respectively, of the adjustable toilet seat handle **100**. FIG. **2** shows the first clamp **102**, the spring member **105**, and the second clamp **103** of the adjustable toilet seat handle **100** disclosed in the detailed description of FIGS. **1**A-**1**B. The spring member **105** is configured to extend the distance **109** between the first clamp **102** and the second clamp **103** of the clamping assembly **101** to allow the undersurface **801***b* of the toilet seat **801** to be compression fitted in the receptacle **104** as exemplarily illustrated in FIG. **8**. The first clamp **102**, the spring member **105**, and the second clamp **103** of the adjustable toilet seat handle **100** are assembled as exemplarily illustrated in FIG. **3**.

FIG. **4** exemplarily illustrates a top orthographic view of the adjustable toilet seat handle **100**. FIG. **4** shows the angularly bent end **103***b* of the second clamp **103** used for gripping the inner side surface **801***a* of the toilet seat **801** as exemplarily illustrated in FIGS. **8-9**. FIG. **4** also shows the slots **107***a* and **107***b* positioned at predetermined locations, for example, at the mid-sections **102***a* and **103***a* on the first clamp **102** and the second clamp **103** respectively. During assembly and installation of the adjustable toilet seat handle **100** on the toilet seat **801**, the user can vary the position of the first clamp **102** and the second clamp **103** on the undersurface **801***b* of the toilet seat **801** using the slots **107***a* and **107***b* of the first clamp **102** and the second clamp **103** respectively. FIG. **4** also shows the lower portion **103***c* and an upper portion **103***d* of the second clamp **103**. The lower portion **103***c* of the second clamp **103** tapers in the direction of the upper portion **103***d* having the angularly bent end **103***b* which grips the inner side surface **801***a* of the toilet seat **801**.

FIG. **5** exemplarily illustrates a bottom orthographic view of the adjustable toilet seat handle **100**. FIG. **5** shows the single loop openings **105***a* and **105***b* of the spring member **105** connected to the hook members **108***a* and **108***b* respectively extending downwardly from the first clamp **102** and the second clamp **103** respectively, below the lower surface **101***a* of the clamping assembly **101**.

FIG. **6** and FIG. **7** exemplarily illustrate a left side orthographic view and a right side orthographic view respectively, of the adjustable toilet seat handle **100**. The left side orthographic view of the adjustable toilet seat handle **100**, exemplarily illustrated in FIG. **6**, shows the angularly bent end **103***b* of the second clamp **103** used for gripping an inner side surface **801***a* of the toilet seat **801** as exemplarily illustrated in FIGS. **8-9**. The right side orthographic view of the adjustable toilet seat handle **100**, exemplarily illustrated in FIG. **7**, shows the knob **106** rigidly attached to the first clamp **102** for gripping by a user. The shape of the knob **106** is, for example, a generally spherical shape. The knob **106** may also have, for example, a cylindrical shape, a cubical shape, a square shape, a rectangular shape, or any shape suitable for gripping by a user. FIGS. **6-7** also show the loop openings **105***b* and **105***a* of the spring member **105** that extends below the lower surface **101***a* of the clamping assembly **101** exemplarily illustrated in FIG. **1**B.

FIG. **8** exemplarily illustrates a front orthographic view of the adjustable toilet seat handle **100** attached to an undersurface **801***b* of a toilet seat **801**. The adjustable toilet seat handle **100** grips the inner side surface **801***a* of the toilet seat **801** through the angularly bent end **103***b* of the second clamp **103**. The spring member **105** is configured to expand to extend the clamping assembly **101** to accommodate the undersurface **801***b* of the toilet seat **801** in the receptacle **104** and to compress for positioning the clamping assembly **101** in a compression fit configuration on the undersurface **801***b* of the toilet seat **801**. The spring member **105** is extendable to removably compress fit the first clamp **102** and the second clamp **103** of the clamping assembly **101** on the undersurface **801***b* of the toilet seat **801**.

For attaching the adjustable toilet seat handle **100** to the undersurface **801***b* of the toilet seat **801**, the angularly bent end **103***b* of the second clamp **103** is positioned on the inner side surface **801***a* of the toilet seat **801** and the spring member **105** is extended by the application of a force along the direction shown by the arrow **802** in FIG. **8**, till the end **102***b* of the first clamp **102** reaches the outer side surface **801***c* of the toilet seat **801**, thereby accommodating the undersurface **801***b* of the toilet seat **801** in the receptacle **104**. The upper surface **101***b* of the clamping assembly **101** is configured to grippingly contact the undersurface **801***b* of the toilet seat **801**. The spring member **105** is expanded to extend the distance **109** between the first clamp **102** and the second clamp **103** to allow the angularly bent end **103***b* of the second clamp **103** to grip the adjustable toilet seat handle **100** against the inner side surface **801***a* of the toilet seat **801** and to allow the clamping assembly **101** to grip the undersurface **801***b* of the toilet seat **801** of different widths. When the adjustable toilet seat handle **100** is attached to the undersurface **801***b* of the toilet seat **801**, the toilet seat **801** extends beyond the upper end **102***b* of the L-shaped first clamp **102**. The adjustable toilet seat handle **100** can be attached to either side of the toilet seat **801** depending on the user's preference.

FIG. **9** exemplarily illustrates a front perspective view, showing the adjustable toilet seat handle **100** attached to an undersurface **801***b* of a toilet seat **801** for allowing a user to raise the toilet seat **801** in an upward direction or lower the toilet seat **801** in a downward direction without direct contact with the toilet seat **801**. As illustrated in FIG. **9**, the spring member **105** of the adjustable toilet seat handle **100** can be expanded and compressed to adjustably attach the adjustable toilet seat handle **100** to the undersurface **801***b* of a toilet seat **801** of varying dimensions. A user can hold the knob **106** of the attached toilet seat handle **100** with his/her hand **901** and then raise or lower the toilet seat **801** as exemplarily illustrated in FIG. **9**, during use of the toilet **803**, without touching the toilet seat **801**.

FIG. **10** illustrates a method for assembling an adjustable toilet seat handle **100**. A clamping assembly **101** comprising a first clamp **102** and a second clamp **103**, a spring member **105**, and a knob **106** as exemplarily illustrated in FIG. **2**, is provided **1001**. To assemble the adjustable toilet seat handle **100**, the first clamp **102** is connected **1002** to the second clamp **103** by the spring member **105** for defining a receptacle **104** that compression fits the undersurface **801***b* of the toilet seat **801** as exemplarily illustrated in FIG. **8**. The spring member **105** is operably connected **1003** to a lower surface **101***a* of the clamping assembly **101**. For example, the loop openings **105***a* and **105***b* at the opposing ends **105***c* and **105***d* of the spring member **105** respectively are inserted onto the hook members **108***a* and **108***b* that extend downwardly from the slots **107***a* and **107***b* respectively positioned at predetermined locations, for example, at the mid-sections **102***a* and **103***a* on the first clamp **102** and the second clamp **103** of the clamping assembly **101** as exemplarily illustrated in FIG. **1**B, FIG. **3**, FIG. **5**, and FIG. **8**. The spring member **105** is configured to extend the distance **109** between the first clamp **102** and the second clamp **103** of the clamping assembly **101** to accommodate the undersurface **801***b* of the toilet seat **801** in the receptacle **104** and to allow the first clamp **102** and the second clamp **103** to compression fit the undersurface **801***b* of the toilet seat **801**. The knob **106** is rigidly attached **1004** to the first clamp **102** of the clamping assembly **101** to be gripped by a user to allow the user to raise the toilet seat **801** in an upward direction or lower the toilet seat **801** in a downward direction without direct contact with the toilet seat **801** as exemplarily illustrated in FIG. **9**.

FIG. **11** illustrates a method for raising or lowering a toilet seat **801** without direct contact with the toilet seat **801** as exemplarily illustrated in FIGS. **8-9**. An adjustable toilet seat handle **100** comprising a clamping assembly **101**, a spring member **105**, and a knob **106** as disclosed in the detailed description of FIGS. **1A-7** is provided **1101**. The clamping assembly **101** comprises a first clamp **102** and a second clamp **103** having an angularly bent end **103***b*. The adjustable toilet seat handle **100** is attached **1102** to the undersurface **801***b* of the toilet seat **801** as follows: The inner side surface **801***a* of the toilet seat **801** is gripped **1102***a* by the angularly bent end **103***b* of the second clamp **103** of the clamping assembly **101**. The spring member **105** is expanded **1102***b* to extend the distance **109** between the first clamp **102** and the second clamp **103** of the clamping assembly **101** to allow the undersurface **801***b* of the toilet seat **801** to be compression fitted in the receptacle **104**. The spring member **105** is compressed **1102***c* to position the first clamp **102** and the second clamp **103** to compression fit the undersurface **801***b* of the toilet seat **801**. The upper surface **101***b* of the clamping assembly **101** grippingly contacts the undersurface **801***b* of the toilet seat **801**. A user grips **1103** the knob **106** of the adjustable toilet seat handle **100** and raises the toilet seat **801** in an upward direction or lowers the toilet seat **801** in a downward direction without direct contact with the toilet seat **801**.

The foregoing examples have been provided merely for the purpose of explanation and are in no way to be construed as limiting of the present invention disclosed herein. While the invention has been described with reference to various embodiments, it is understood that the words, which have been used herein, are words of description and illustration, rather than words of limitation. Further, although the invention has been described herein with reference to particular means, materials, and embodiments, the invention is not intended to be limited to the particulars disclosed herein; rather, the invention extends to all functionally equivalent structures, methods and uses, such as are within the scope of the appended claims. Those skilled in the art, having the benefit of the teachings of this specification, may affect numerous modifications thereto and changes may be made without departing from the scope and spirit of the invention in its aspects.

I claim:

1. An adjustable toilet seat handle, comprising:

a clamping assembly configured to removably connect to an undersurface of a toilet seat, said clamping assembly comprising a first clamp and a second clamp;

a first slot positioned at a predetermined location on said first clamp and a second slot positioned at a predetermined location on said second clamp;

a first hook member extending downwardly from the first slot of the first clamp and a second hook member extending downwardly from the second slot of the second clamp;

said second clamp comprising a lower portion and an upper portion opposite said lower portion, wherein said upper portion comprises an angularly bent end configured for gripping an inner side surface of said toilet seat, and wherein said lower portion tapers in a direction of said upper portion;

a spring member operably connected to said first hook member and said second hook member, wherein said spring member is viewed through said slots from a top of said adjustable toilet seat handle for connecting said spring to each of said first hook and said second hook, wherein said first clamp and said second clamp connected together by said spring member define a receptacle, wherein said spring member is expanded to extend a distance between said first clamp and said second clamp of said clamping assembly to allow said undersurface of said toilet seat to be compression fitted in said receptacle, and wherein an upper surface of said clamping assembly is configured to grippingly contact said undersurface of said toilet seat; and

a knob rigidly attached to and extending outwardly from said first clamp of said clamping assembly, said knob configured to be gripped by a user to allow said user to one of raise said toilet seat in an upward direction and lower said toilet seat in a downward direction without direct contact with said toilet seat.

2. The adjustable toilet seat handle of claim **1**, wherein said first clamp is an L-shaped clamp.

3. The adjustable toilet seat handle of claim **1**, wherein said spring member is a tension spring made of stainless steel.

4. The adjustable toilet seat handle of claim **1**, wherein a shape of said knob is one of a spherical shape, a cylindrical shape, a cubical shape, a square shape, and a rectangular shape.

5. A method for assembling an adjustable toilet seat handle, comprising:

providing a clamping assembly, a spring member, and a knob, said clamping assembly comprising a first clamp and a second clamp, wherein said knob is rigidly attached to said first clamp of said clamping assembly;

a first slot positioned at a predetermined location on said first clamp and a second slot positioned at a predetermined location on said second clamp;

a first hook member extending downwardly from the first slot of the first clamp and a second hook member extending downwardly from the second slot of the second clamp;

said second clamp comprising a lower portion and an upper portion opposite said lower portion, wherein said upper portion comprises an angularly bent end configured for gripping an inner side surface of said toilet seat, and wherein said lower portion tapers in a direction of said upper portion;

operably connecting said spring member to said first hook member and said second hook member, comprising:

viewing said spring member through said slots from a top of said adjustable toilet seat handle and connecting said spring member to each of said first hook and said second hook, wherein said connected said first clamp and said second clamp define a receptacle;

compression fitting an undersurface of said toilet seat in said receptacle defined by said extended distance between said first clamp and said second clamp, wherein an upper surface of said clamping assembly is configured to grippingly contact said undersurface of said toilet seat, and wherein said angularly bent end configured for gripping said inner side surface of said toilet seat.

6. The method of claim **5**, wherein said first clamp is an L-shaped clamp.

7. The method of claim **5**, wherein said spring member is a tension spring made of stainless steel.

8. The method of claim **5**, wherein said operable connection of said spring member to said lower surface of said clamping assembly comprises inserting a loop opening at each opposing end of said spring member on a hook member that extends downwardly from a slot positioned at a predetermined location on each of said first clamp and said second clamp of said clamping assembly.

9. A method for one of raising and lowering a toilet seat without direct contact with said toilet seat, comprising:

providing an adjustable toilet seat handle comprising:

a clamping assembly comprising a first clamp and a second clamp, said second clamp having an angularly bent end;

a first slot positioned at a predetermined location on said first clamp and a second slot positioned at a predetermined location on said second clamp;

a first hook member extending downwardly from the first slot of the first clamp and a second hook member extending downwardly from the second slot of the second clamp;

said second clamp comprising a lower portion and an upper portion opposite said lower portion, wherein said angularly bent end is located in said upper portion and is configured for gripping an inner side surface of said toilet seat, and wherein said lower portion tapers in a direction of said upper portion;

a spring member operably connected to said first hook member and said second hook member, wherein said spring member is viewed through said slots from a top of said adjustable toilet seat handle for connecting said spring to each of said first hook and said second hook, wherein said first clamp and said second clamp connected by said spring member define a receptacle; and

a knob rigidly attached to and extending outwardly from said first clamp of said clamping assembly;

attaching said adjustable toilet seat handle to said undersurface of said toilet seat, said attaching comprising:

gripping an inner side surface of said toilet seat by said angularly bent end of said second clamp of said clamping assembly of said adjustable toilet seat handle;

expanding said spring member said adjustable toilet seat handle to extend a distance between said first clamp and said second clamp of said clamping assembly to allow said undersurface of said toilet seat to be compression fitted in said receptacle; and

positioning said first clamp and said second clamp of said clamping assembly to compression fit said undersurface of said toilet seat on releasing said expanded spring member, wherein an upper surface of said clamping assembly grippingly contacts said undersurface of said toilet seat; and

gripping said knob of said adjustable toilet seat handle by a user for said one of said raising said toilet seat in an upward direction and lowering said toilet seat in a downward direction without said direct contact with said toilet seat.

10. The method of claim **9**, wherein said adjustable toilet seat handle further comprises a hook member extending downwardly below said lower surface of said clamping assembly for supporting said spring member.

11. The method of claim **10**, wherein said spring member comprises a loop opening at each opposing end of said spring member for connecting said each said opposing end of said spring member to said hook member.

12. The method of claim **9**, wherein said spring member is a tension spring made of stainless steel.

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