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(19) **United States**(12) **Patent Application Publication****Valadez et al.**(10) **Pub. No.: US 2005/0144711 A1**(43) **Pub. Date:****Jul. 7, 2005**(54) **ANTI-SPLASH GUARD AND DEODORANT
POUCH FOR URINALS****Publication Classification**(76) Inventors: **Dimas M. Valadez**, Rialto, CA (US);
Phillip D. Valadez, Rialto, CA (US)(51) **Int. Cl.⁷** **E03D 13/00**(52) **U.S. Cl.** **4/309**

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IRVINE, CA 92614 (US)(57) **ABSTRACT**

The present teachings describe one embodiment of an anti-splash guard and deodorant pouch adapted for a lavatory device having an interior region for receiving waste fluid. The anti-splash guard may include a fibrous material configured to be positioned in the interior region of the lavatory device so that splash back of fluids contacting the anti-splash guard is reduced. The deodorant pouch advantageously comprises a deodorant material sandwiched between layers of anti-splash material, such as the fibrous material that is used in the anti-splash guard. The deodorant pouch may increase a useful lifespan of the deodorant material held therein by preventing pieces of the deodorant material from falling down the drain of the lavatory device and by reducing the amount of fluid that contacts the deodorant material.

(21) Appl. No.: **11/009,550**(22) Filed: **Dec. 10, 2004****Related U.S. Application Data**

(60) Provisional application No. 60/528,508, filed on Dec. 10, 2003. Provisional application No. 60/558,000, filed on Mar. 31, 2004.

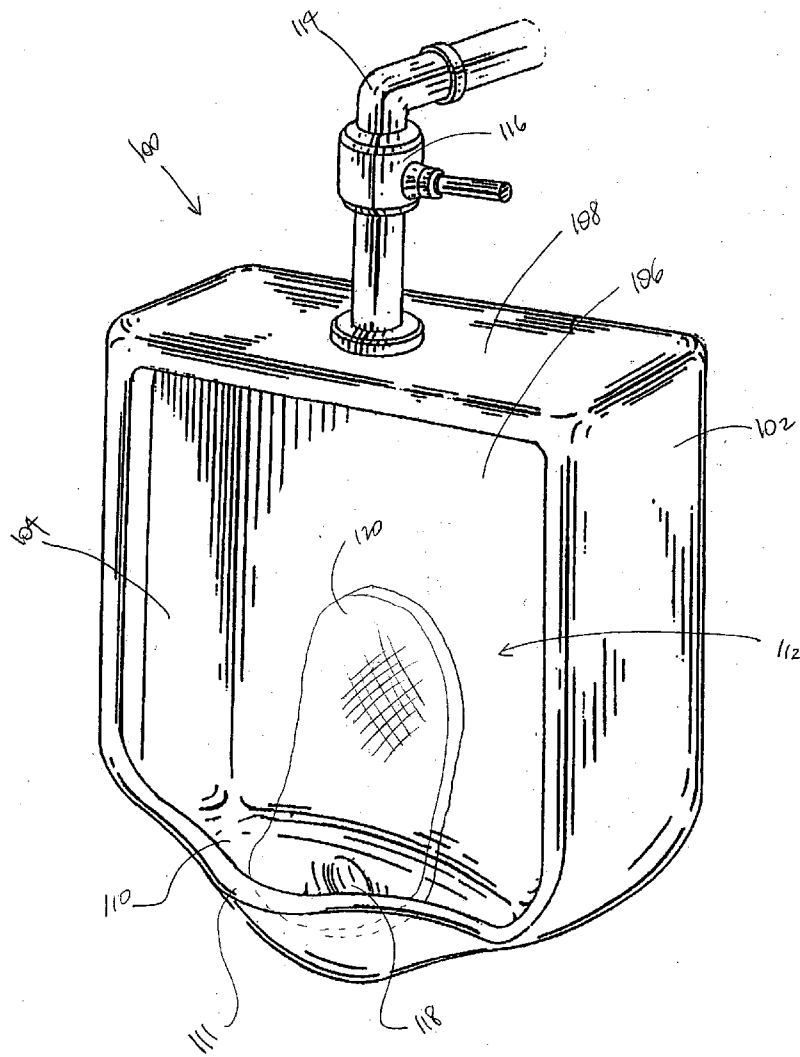


Figure 1

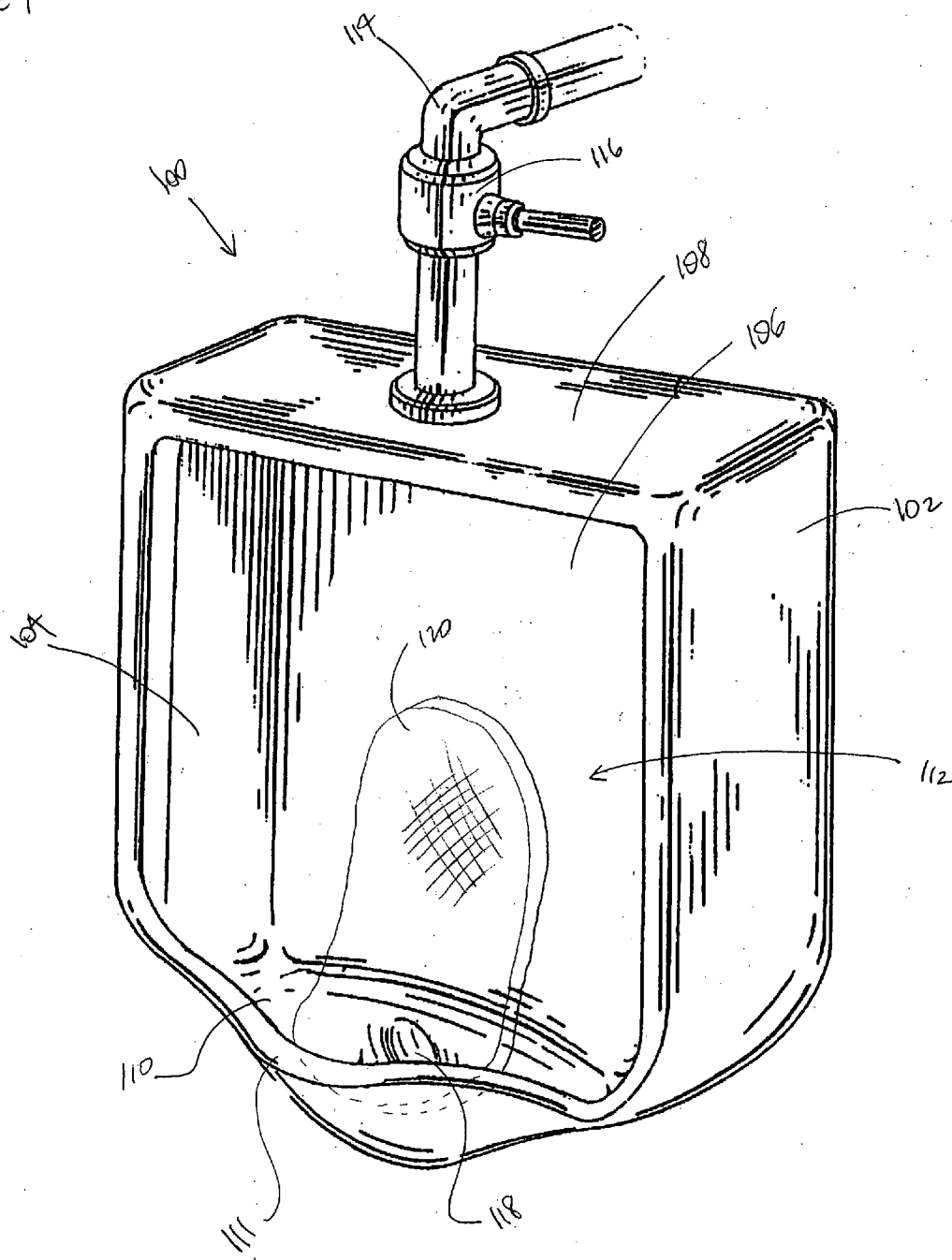


Figure 2

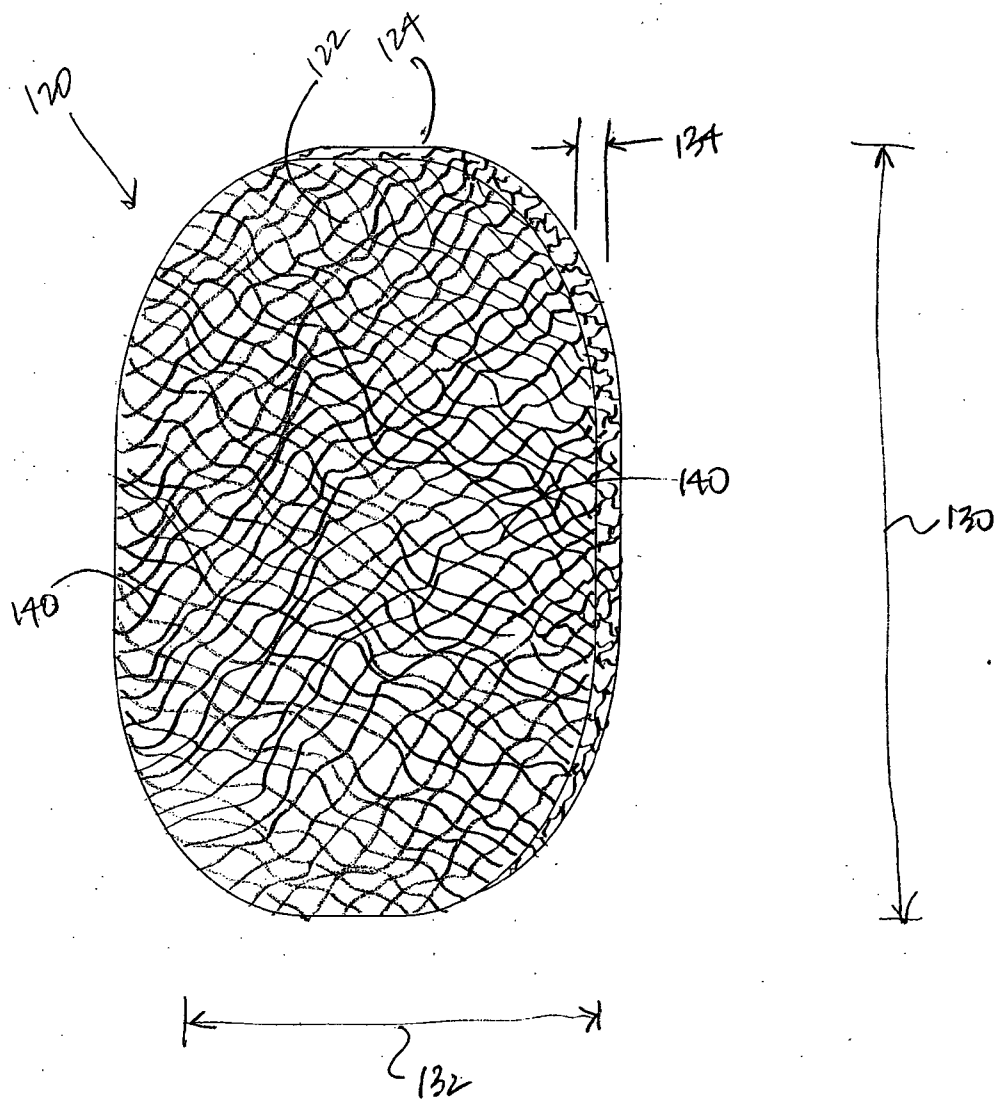
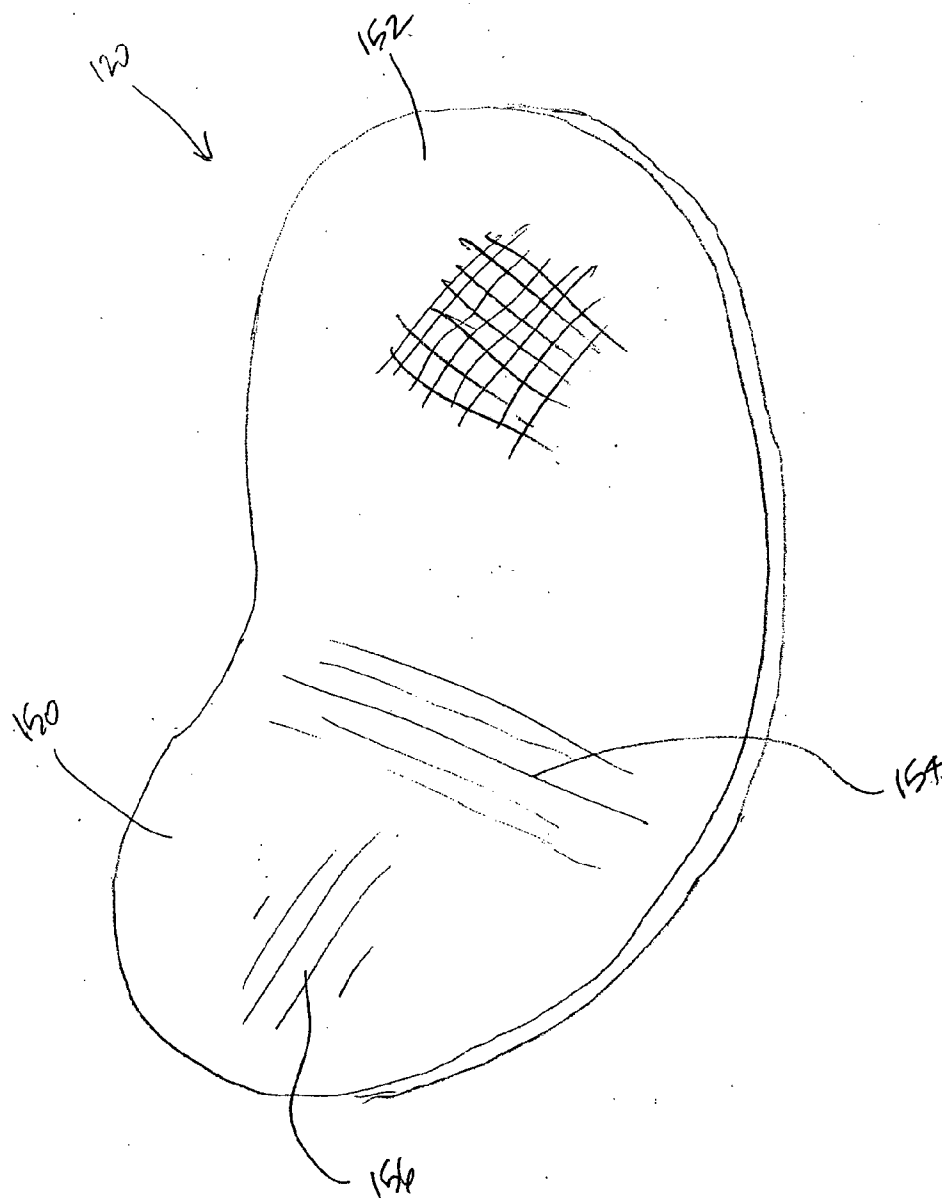
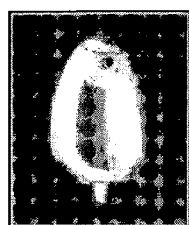


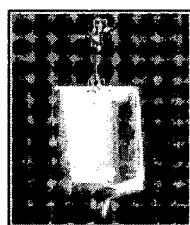
Figure 3





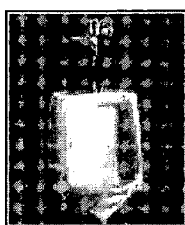
200

Innsbrook 0.5 Urinal



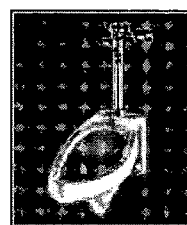
202

Lynbrook™ 1.0 Urinal



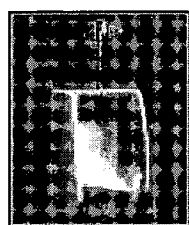
204

Trimbrook™ 1.0 Urinal



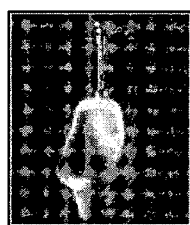
206

Jetbrook 1.0 Urinal



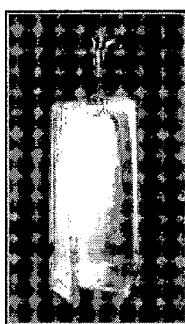
208

Washbrook 1.0 Urinal



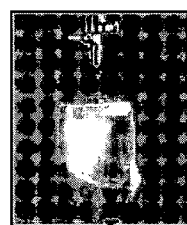
210

Allbrook 1.0 Urinal



212

Stallbrook 1.0 Urinal



214

Maybrook 1.0 Urinal

Figure 4

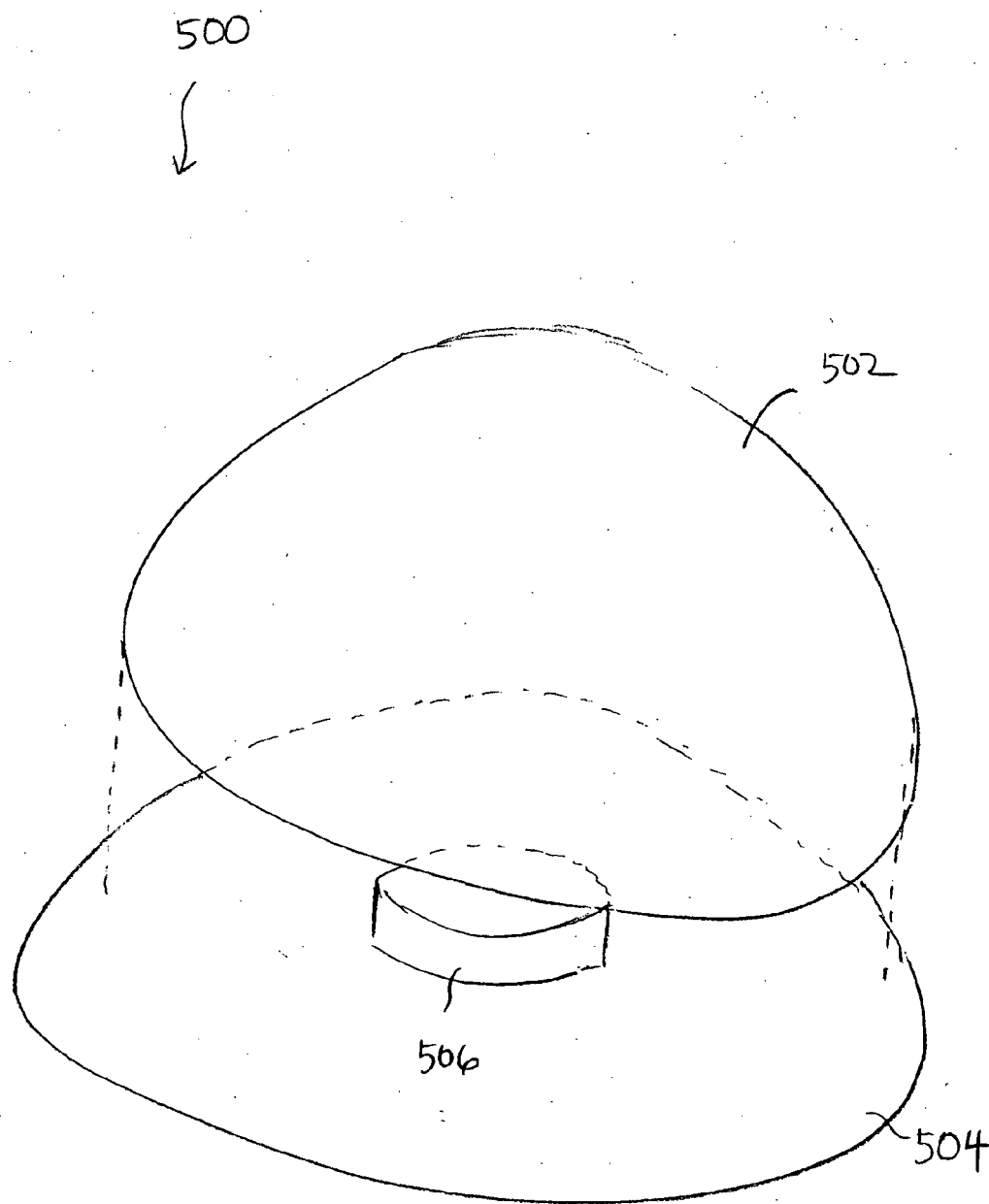


FIGURE 5

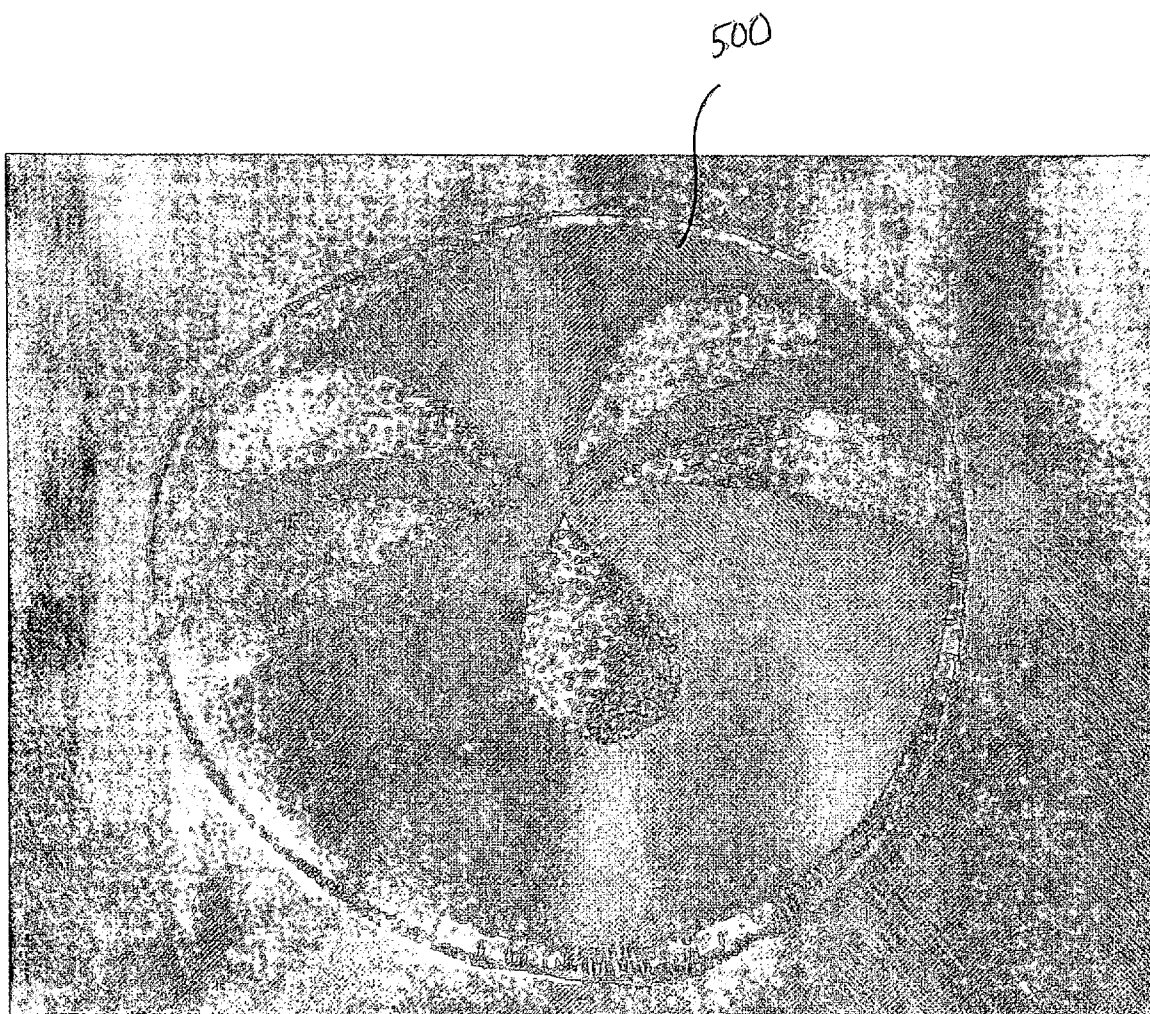


FIGURE 6

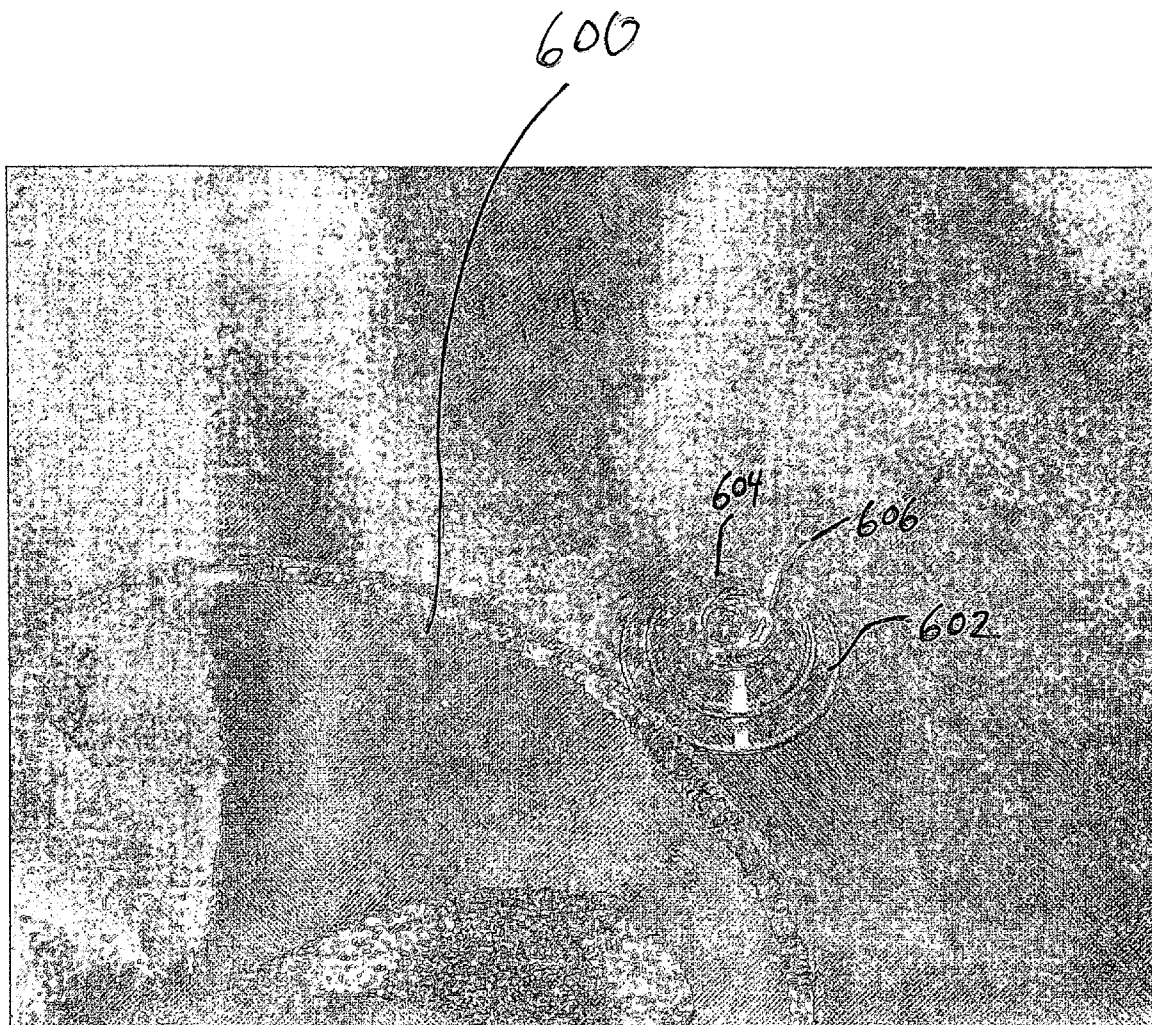
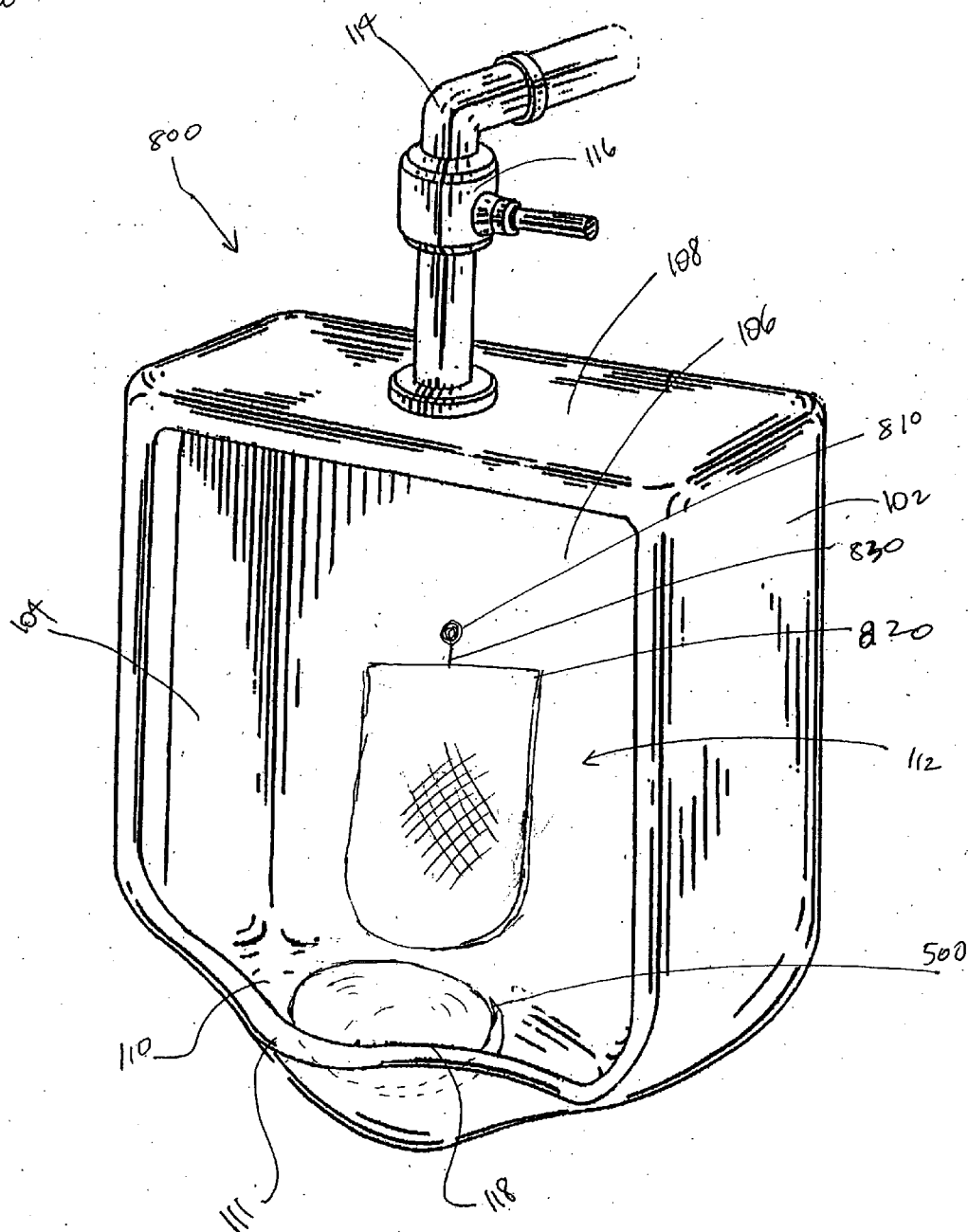


FIG. 7

Figure 8



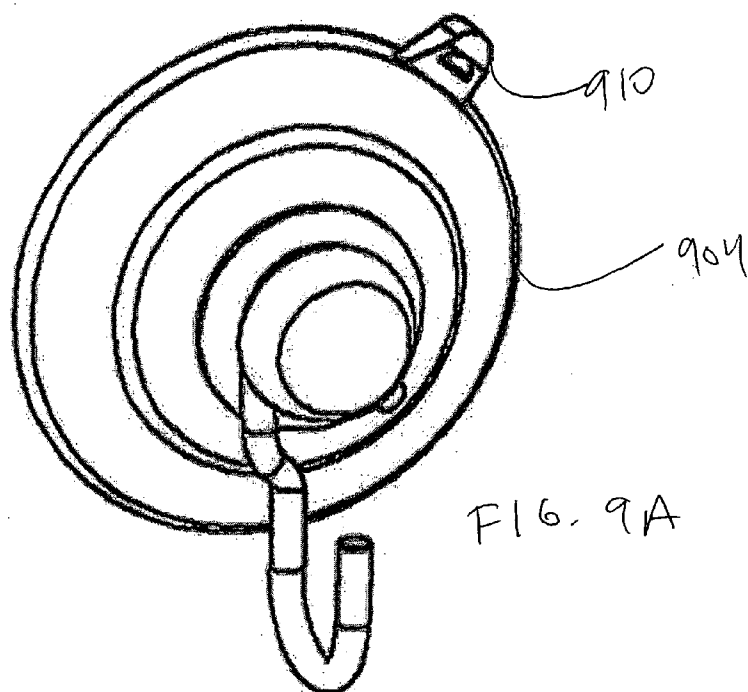


FIG. 9A

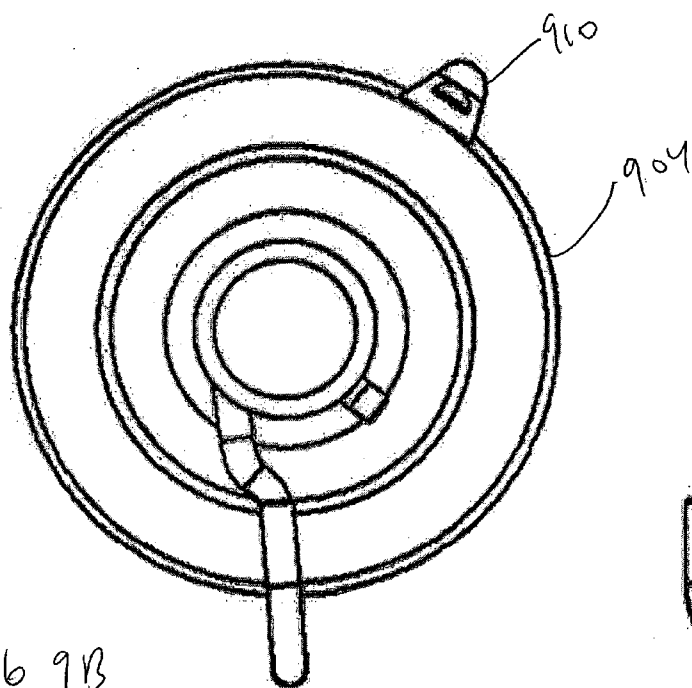


FIG. 9B

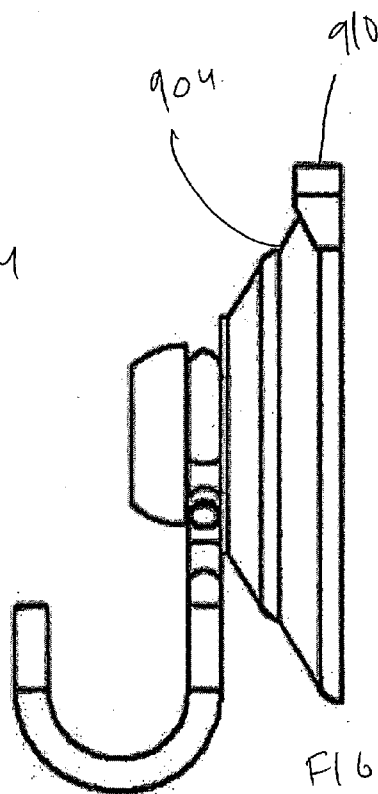


FIG. 9C

ANTI-SPLASH GUARD AND DEODORANT POUCH FOR URINALS

RELATED APPLICATIONS

[0001] This application claims priority under 35 U.S.C. § 119(e) to U.S. Provisional Application Ser. No. 60/528,508, filed on Dec. 10, 2003, and to U.S. Provisional Application Ser. No. 60/558,000, filed on Mar. 31, 2004. Each of these provisional applications is hereby expressly incorporated by reference in its entirety.

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] The present invention relates to lavatory devices and, in particular, relates to an anti-splash guard and deodorant pouch for urinals.

[0004] 2. Description of the Related Art

[0005] Conventional deodorant urinal screens, which typically contain a deodorant block, fail to reliably prevent splashing of waste fluid, such as urine, from the interior region of urinals. Some conventional deodorant urinal screens have wide slotted openings that allow large amounts of waste fluid to strike the interior walls of the urinal through the wide slotted openings. This often results in splash back of the waste fluid outwardly from interior region of the urinal. For example, when waste fluid is projected into the urinal at high velocity, the waste fluid flows between the wide slotted openings, strikes the hard surface of the interior walls of the urinal, and splashes back outwardly from the interior region of the urinal. This generally causes exterior regions of the urinal to become wet with waste fluid. As a result, there currently exists a need to prevent splashing of waste fluid out of the interior region of the urinal.

[0006] In addition, the wide slotted openings of conventional deodorant urinal screens allow pieces of the deodorant material, such as a deodorant block, to be flushed down the drain of the urinal. Also, because the deodorant material is mostly exposed directly to the flow of flush water, urine, and any other substance placed in the urinal, the deodorant material may be quickly dissolved by the fluids. Accordingly, there is a need for improved apparatuses for holding a deodorant material in a urinal in order to increase a useful life of the deodorant material. There is also a need for improved structures for deodorant urinal screens that reduce the occurrence of splash back.

SUMMARY OF CERTAIN EMBODIMENTS OF THE INVENTION

[0007] In one embodiment, the present invention relates to an improved deodorant containment apparatus that is configured to increase the useful life of a deodorant material contained therein. In one embodiment, a deodorant pouch containing a deodorant material, such as a deodorant block, is placed in a urinal. The pouch may be sealed so that the deodorant material must be substantially dissolved in a fluid before it will pass through pores of the layers. Accordingly, the useful life of the deodorant material may be extended by preventing pieces from breaking off and entering the urinal drain. In addition, the pouch may comprise fibrous material that is configured to reduce the direct contact of urine and other fluids on the deodorant material. Because the deodor-

ant material may be water soluble, by reducing the direct contact of fluid with the deodorant material, the life of the deodorant material may be extended.

[0008] In another embodiment, the present invention discloses systems and methods for reducing the occurrence of splash back that may occur when a fluid contacts a urinal. For example, an anti-splash guard may comprise a fibrous material configured to reduce splash back and may be configured for attachment to a back surface of a urinal.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009] These and other objects and features of the invention will become more apparent from the following description and appended claims taken in conjunction with the following drawings, wherein like reference numbers indicate identical or functionally similar elements.

[0010] FIG. 1 illustrates one embodiment of a lavatory device or urinal having an anti-splash guard positioned therein;

[0011] FIG. 2 illustrates one embodiment of the anti-splash guard of FIG. 1;

[0012] FIG. 3 illustrates the flexibility of the anti-splash guard of FIG. 2;

[0013] FIG. 4 illustrates various embodiments of urinals;

[0014] FIG. 5 illustrates an exploded view of another embodiment of the anti-splash guard of the present invention;

[0015] FIG. 6 illustrates a top view of the anti-splash guard of FIG. 5; and

[0016] FIG. 7 illustrates an attachment device used in conjunction with the anti-splash guard of FIG. 6.

[0017] FIG. 8 is a perspective view of a urinal 800 having an anti-splash guard 820 and a pouch 500 placed therein.

[0018] FIGS. 9A-9C are each views of an exemplary suction cup that may be used to attach the anti-splash guard to a urinal.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0019] The following is a detailed description of embodiments of the invention. However, the invention can be embodied in a multitude of different ways as defined by the claims. The invention is more general than the embodiments that are explicitly described, and accordingly, is not limited by the specific embodiments.

[0020] FIG. 1 illustrates a lavatory device or urinal 100 having an anti-splash guard 120 of one embodiment positioned therein. As illustrated in FIG. 1, the urinal 100 comprises a plurality of components including first and second sidewalls 102, 104, a back wall 106, an upper wall 108, and a bowl section 110 having a lip portion 111 that are joined together so as to form an interior region 112 defined within the urinal 100. In general, the bowl section 110 captures waste fluid, such as urine, contaminated liquid, waste water, rinse water, etc., and the lip portion 111 inhibits the waste fluid from flowing out of the bowl section 110. Additionally, a plumbing apparatus 114 is mounted to the upper wall 108 in a generally known manner so as to provide

flushing water to the interior region **112** of the urinal **100** when a flush valve **116** is actuated by a user. In one aspect, the sidewalls **102**, **104** and the back wall **106** are adapted to direct the flow of flushing water to the bowl section **110** such that the flushing water rinses the sidewalls **102**, **104** and the back wall **106** and dilutes the waste fluid captured in the bowl section **110**. Moreover, the urinal **100** further comprises a plumbed drain component **118** attached to the bowl section **110** that allows at least a portion of the waste fluid to flow from the bowl section **110** of the urinal **100** to external sewage plumbing (not shown).

[0021] It should be appreciated by those skilled in the art that the urinal **100** may comprise various types of conventional urinal configurations including the illustrated wall mounted configuration without departing from the scope of the present teachings. Therefore, the urinal **100** as described herein should not be limited in scope or function to the illustrated embodiment. It should also be appreciated by those skilled in the art that the anti-splash guard **120** may also be referred to as an apparatus, component, or device without departing from the scope of the present teachings.

[0022] As illustrated in **FIG. 1**, the anti-splash guard **120** is positioned in the urinal **100** so as to be seated in the bowl section **110**. In one embodiment, the anti-splash guard **120** rests adjacent to the lip portion **111** of the bowl section **110** and adjacent to the back wall **106** of the urinal **100**. In addition, the anti-splash guard **120** is positioned in the bowl section **110** so as to at least partially overlie the plumbed drain component **118**. Also, the anti-splash guard **120** may be positioned in the interior region **112** of the urinal **100** such that the flow of flushing water rinses at least a portion of the anti-splash guard **120**. In one aspect, the anti-splash guard **120** comprises a porous mesh material that is adapted to absorb the force of waste fluid being projected into the interior region **112** of the urinal **100**. Advantageously, the absorption bias of the anti-splash guard **120** substantially reduces the occurrence of waste fluid splashing outwardly from the interior region **112** of the urinal **100**. It should be appreciated that further scope and functionality related to the anti-splash guard **120** will be described in greater detail herein below.

[0023] **FIG. 2** illustrates one embodiment of the anti-splash guard **120**. As illustrated in **FIG. 2**, the anti-splash guard **120** may be contoured to fit within the interior region **112** of the urinal **100**. In addition, the anti-splash guard **120** may comprise front and back sides **122**, **124** having substantially flat surfaces so as to allow the anti-splash guard **120** to fit flush against the back wall of the urinal **100** when positioned adjacent thereto. In one aspect, the anti-splash

guard **120** may be contoured to resemble a substantially rectangular shape having rounded corners. In another aspect, the anti-splash guard **120** may be adapted to resemble a substantially oval shape. In general, it should be appreciated by those skilled in the art that the anti-splash guard **120** may be adapted to comprise various other geometrical shapes, such as triangular, diamond, pentagonal, hexagonal, etc., without departing from the scope of the present teachings. For example, in one embodiment (such as illustrated in **FIG. 8**, for example), a top portion of the anti-splash guard is substantially rectangular, provided an increase surface area coverage of the urinal, while the lower portion of the anti-splash guard is substantially oval shaped provided a better fit in the lower portion of the urinal.

[0024] As further illustrated in **FIG. 2**, the anti-splash guard **120** comprises dimensional characteristics including length **122**, width **124**, and thickness **126**. In one embodiment, the length **122** of the anti-splash guard **102** is between about 8-16 inches, preferably between about 11-13 inches, and more preferably about 12 inches. Additionally, in one embodiment, the width **124** of the anti-splash guard **102** is between about 8-16 inches, preferably between about 11-13 inches, and more preferably about 12 inches. Moreover, in one embodiment, the thickness **126** of the anti-splash guard **102** is between about 0.25-1.25 inches, preferably between about 0.5-1 inch, and more preferably about 0.75 inches.

[0025] As further illustrated in **FIG. 2**, the anti-splash guard **120** comprises fibrous strands **124** that are arranged, positioned, or joined together so as to define a porous mesh or lattice configuration. In one embodiment, the fibrous strands **124** may comprise translucent or opaque materials formed of a semi-rigid or flexible material, such as polyethylene (PE), polypropylene (PP), polyvinyl-chloride (PVC), polyethylene-terephthalate (PET), various types of synthetic polyester meshes, etc. In another example, various floor buffing pads, such as Scotch-brite® manufactured by 3M company of St. Paul, Minn., may be adapted or sized to conform to the dimensional characteristics of the anti-splash guard **120** as described herein. It should be appreciated by those skilled in the art that the fibrous strands may comprise various other generally known materials, including anti-bacterial, anti-fungal, and anti-viral materials, without departing from the scope of the present teachings.

[0026] In one embodiment, the fibrous material comprises a material that is supplied by Americo, located at 6224 North Main St. in Acworth, Ga. The table below includes exemplary specification for three materials that may be used as the fibrous material in the anti-splash guard **120** and the pouch **500** (**FIG. 5**).

Material Type	Americo Roll Stock Code	Fiber Type	Binder Type	Finished Weight Typical Value	Thickness Typical Value
RETAIL YELLOW NONWOVEN MATERIAL	310107	POLYESTER	WATER BASED LATEX BINDER	11 oz/YD ²	8 MM
RETAIL BLUE NON WOVEN MATERIAL	310105	POLYESTER	WATER BASED LATEX BINDER	11 oz/YD ²	8 MM
RETAIL RED NON WOVEN MATERIAL	300199	POLYESTER	WATER BASED LATEX BINDER	11 oz/YD ²	8 MM

[0027] The above specifications are exemplary and are not limiting as to the manufactures and materials that may be used in the products described herein. For example, in one embodiment the weight of the fibrous material may be in the range of about 9-12 ounces per yard. Accordingly, these specifications are provided as examples of materials that may be used in order to achieve at least some of the objectives described herein.

[0028] In one embodiment, the anti-splash guard **120** including the fibrous strands **124** may be dipped in a solution that inhibits bacterial, fungal, and/or viral growth. In addition, the anti-splash guard **120** including the fibrous strands **124** may be coated, dipped, and/or impregnated with crystals, powders, enzymes, etc. that also inhibit bacterial, fungal, and/or viral growth. Moreover, a deodorant material or substance including fragrance liquid enzymes may be applied to the anti-splash guard **120** including the fibrous strands **124** so as to reduce odor emanating therefrom. For example, the anti-splash guard **120** including the fibrous strands **124** may be coated, dipped, and/or impregnated with an enzyme drain cleaner, such as the Enzyme Drain Cleaner manufactured by Padre Janitorial Supplies of San Diego, Calif. In one aspect, the enzyme drain cleaner digests grease and organic waste, dissolves uric acid, and deodorizes odors. Advantageously, the enzyme drain cleaner breaks down odor causing micro-organisms as opposed to simply covering up the odor. Additionally, the enzyme drain cleaner can more effectively sanitize or disinfect the anti-splash guard **120** so as to reduce the growth of odor causing germs.

[0029] In another embodiment, the anti-splash guard **120** may comprise various colors so as to color coordinated with the decor of the urinal or the surrounding room decor. It should be appreciated by those skilled in the art that, in one aspect, the color or coloration of the anti-splash guard **120** including the fibrous strands **124** may be formed as an integral part of the material composition thereof. In various other embodiments, the color or coloration may be applied to the anti-splash guard **120** after formation thereof. Additionally, various types of applied images, such as logos, artwork, advertisements, etc., may be added to or printed on the anti-splash guard **120**. Therefore, the aesthetic coloration and/or applied imaging of the anti-splash guard **120** may vary depending on the desirable application or implementation thereof without departing from the scope of the present teachings.

[0030] FIG. 3 illustrates one embodiment of the flexible characteristics of the anti-splash guard **120**. As illustrated in FIG. 3, the anti-splash guard **120** is flexible or bendable along its length **130** and width **132** so as to be seated in the bowl section **110** of the urinal **100**. In one embodiment, as illustrated in FIG. 1 with reference to FIGS. 2-3, the anti-splash guard **120** is positioned in the interior region **112** of the urinal **100** such that a first portion **150** of the anti-splash guard **120** is positioned adjacent the bowl section **110** so as to fit therein and such that a second portion **152** of the anti-splash guard **120** is positioned adjacent the back wall **106** so as to fit adjacent thereto. In one aspect, a third portion **154** of the anti-splash guard **120** bends or folds along the length **130** thereof so as to accommodate the contour or curvature of the back wall **106** and bowl section **110** within the interior region **112** of the urinal **100**. In another aspect, a fourth portion **156** of the anti-splash guard **120** bends or folds along the width **132** thereof so as to accommodate the

contour or curvature of the bowl section **110** within the interior region **112** of the urinal **100**.

[0031] Advantageously, the anti-splash guard **120** rests adjacent to the lip portion **111** of the bowl section **110** and adjacent to the back wall **106** of the urinal **100**. In addition, the anti-splash guard **120** comprises fibrous strands **124** that form a porous mesh structure that is adapted to absorb the force of waste fluid being projected into the interior region **112** of the urinal **100**. In one aspect, the anti-splash guard **120** substantially prevents the projected waste fluid from striking the underlying back wall **106** and bowl section **110** to thereby reduce splash back of waste fluid out of the interior region **112** of the urinal **100**. Moreover, the absorption bias of the anti-splash guard **120** substantially reduces the occurrence of waste fluid splashing outwardly from the interior region **112** of the urinal **100**. Beneficially, this increases the reliability and functional convenience of the anti-splash guard **120**, which is advantageous in many circumstances.

[0032] Additionally, it should be appreciated by those skilled in the art that the anti-splash guard **120** of the present teachings can be contoured and/or adapted to fit various types of urinals. As illustrated in FIG. 4, these types of urinals may include an Innsbrook 0.5 Urinal **200**, a Lynbrook 0.85 Urinal **202**, a Trimbrook 0.85 Urinal **204**, a Jetbrook 1.0 Urinal **206**, a Washbrook 0.7 Urinal **208**, an Allbrook 0.7 Urinal **210**, a Stallbrook 0.7 Urinal **212**, and/or a Maybrook 0.5 Urinal **214**, as manufactured by American Standard of Piscataway, N.J. Moreover, it should also be appreciated by those skilled in the art that the anti-splash guard **120** may also be contoured and/or adapted to fit various other types of generally known lavatory devices and/or urinals including waterless urinals, dual-flush urinals, and high efficiency urinals without departing from the scope of the present teachings.

[0033] FIG. 5 provides a schematic exploded view of a pouch **500** configured for use in a urinal. As shown in FIG. 5, the pouch **500** generally includes a plurality of layers **502**, **504**, with a deodorizer **506** sandwiched therebetween. In one embodiment, each layer **502**, **504** comprises a mesh material having fibrous strands, wherein the fibrous strands are formed so as to provide an anti-splash surface. The fibrous strands may comprise translucent or opaque materials formed of a semi-rigid or flexible material, such as polyethylene (PE), polypropylene (PP), polyvinyl-chloride (PVC), polyethylene-terephthalate (PET), various types of synthetic polyester meshes, etc. In another example, various floor buffing pads, such as Scotch-brite® manufactured by 3M company of St. Paul, Minn., may be adapted or sized to conform to the dimensional characteristics of the anti-splash layer as described herein. As also shown in FIG. 5, the layers **502**, **504** are configured into a desired shape and size adapted for placement in a urinal. For example, in one embodiment each of the layers **502**, **504** is substantially oval shaped. In one embodiment, the layers **502**, **504** are attached by sewing an outer perimeter of the layers **502**, **504** together using a suitable thread, such as a nylon or plastic thread. In other embodiments, the layers **502**, **504** may be attached using other suitable means. In an advantageous embodiment, the layer **502**, **504** of the pouch **500** are sealed so that the deodorizer **506** must be substantially dissolved in a fluid before it will pass through pores of the layers **502**, **504**. In this way, the useful life of the deodorizer **506** may be

extended by preventing pieces of the deodorizer from breaking off and entering the drain component **118** (**FIG. 1**), for example.

[0034] In addition, the use of a fibrous material for housing the deodorizer **506** reduces the direct contact of urine and other fluids on the deodorizer **506**. Because the deodorizer **506** may be water soluble, by reducing the direct contact of fluid with the deodorizer **506**, the life of the deodorizer **506** may be extended. Accordingly, the user of an appropriate fibrous material may increase the number of uses for the deodorizer **506**.

[0035] In certain embodiments, the deodorizer **506** is a conventional restroom deodorant such as paradichlorobenzene (PARA) blocks or non-PARA blocks. Preferably, a deodorant in block form is sandwiched between two anti-splash mesh layers to provide a deodorizing effect to the mesh layers.

[0036] **FIG. 6** illustrates a top view of the pouch **500** with the two mesh layers attached together, thereby sandwiching the deodorant block **506** therebetween. As shown in **FIG. 6**, the pouch **500** may have a generally round configuration and may be adapted for placement in a urinal.

[0037] **FIG. 7** is a perspective view of a pouch **600** of another embodiment, illustrating the pouch **600** being attached to an attachment device **602**. The attachment device **602** includes a suction cup **604** and a hook **606**. When in use, the hook **606** is adapted to removably attach to the anti-splash guard **600** while the suction cup **604** is adapted to attach to a mounting surface such as a urinal. Thus, the pouch **600** may be replaced with a new pouch without removing the suction cup **604**.

[0038] **FIG. 8** is a perspective view of a urinal **800** having an anti-splash guard **820** and a pouch **500** placed therein. As illustrated in exemplary **FIG. 8**, the anti-splash guard **820** is mounted to the urinal **800** by means of a suction cup **810** and a hook **830**. In an advantageous embodiment, the anti-splash guard **820** comprises a fibrous material having a density that is sufficiently low to prevent fluid contacting the anti-splash guard **820** from splashing outside of the urinal **800** and potentially onto the provider of the fluid. The exemplary anti-splash guard **820** is shaped to fit in the lower portion of the urinal without causing the guard **820** to fold.

[0039] In addition to the use of the anti-splash guard **820** in the urinal **800**, a pouch **500** is placed in the bowl section **110** of the urinal **800**. The pouch **500** advantageously houses a deodorizing material, such as a deodorant block or cake, and is also made of a fibrous material that reduces splash back from the surface of the pouch **500**. Thus, the pouch provides a sanitizing function in the urinal **800**, while also reducing splash back of fluid that contacts the pouch.

[0040] **FIGS. 9A-9C** are each views of an exemplary suction cup **904** that may be used to attach the anti-splash guard to a urinal. In particular, **FIG. 9A** is an elevated perspective view, **FIG. 9B** is a top view, and **FIG. 9C** is a side view, of the suction cup **904**. The suction cup illustrated in **FIGS. 9A-9C** advantageously includes a lip **910** configured for use in removing the suction cup **910** from at attached surface. More specifically, a user may remove the suction cup **904** by grasping and pulling on the lip **910**. Accordingly, time and effort required to remove the suction cup **904** may be reduced. In addition, the lip **910** provides a

surface for grasping that reduces the risk of the user from touching a surface of the urinal.

[0041] Specific parts, shapes, materials, functions and modules have been set forth, herein. However, a skilled technologist will realize that there are many ways to fabricate the system of the present invention, and that there are many parts, components, modules or functions that may be substituted for those listed above. While the above detailed description has shown, described, and pointed out the fundamental novel features of the invention as applied to various embodiments, it will be understood that various omissions, substitutions, and changes in the form and details of the components illustrated may be made by those skilled in the art, without departing from the spirit or essential characteristics of the invention.

What is claimed is:

1. An anti-splash apparatus configured for placement in a urinal, the apparatus comprising:

- a first surface comprising a first plurality of fibrous strands arranged in a mesh configuration;
- a second surface comprising a second plurality of fibrous strands arranged in a mesh configuration;
- a deodorant material sandwiched between the first and second surface; and
- a coupling material attaching an outer perimeter of the first surface to an outer perimeter of the second surface so that the deodorant block is contained between the first and second surface.

2. The apparatus of claim 1, wherein a density of the first surface is sufficiently low so that fluid contacting the first surface is substantially prevented from splashing off of the first surface.

3. The apparatus of claim 1, wherein a weight of the first surface is in the range from about nine ounces per square yard to about twelve ounces per square yard.

4. The apparatus of claim 3, wherein a weight of the first surface is about eleven ounces per square yard.

5. The apparatus of claim 1, wherein the fibrous strands are arranged in the mesh configuration using a water based latex binder.

6. The apparatus of claim 1, wherein the fibrous strands comprise polyester.

7. The apparatus of claim 1, wherein a thickness of the first surface is about eight millimeters.

8. The apparatus of claim 2, wherein the density of the first surface is sufficiently high so that non-dissolved portions of the deodorant material are substantially prevented from moving through the first surface.

9. The apparatus of claim 1, wherein the first surface comprises pores having an average diameter that is sufficiently large so that a fluid that contacts the first surface is substantially prevented from splashing away from the apparatus.

10. A method of manufacturing a deodorant apparatus for use in a lavatory device, the method comprising:

placing a deodorant material between a first fibrous material and a second fibrous material; and

attaching the first fibrous material to the second fibrous material so that the deodorant material is substantially contained between the first and second fibrous materi-

als, wherein the fibrous material substantially prevents non-dissolved portions of the deodorant material from passing through the fibrous material.

11. The apparatus of claim 10, wherein the lavatory device comprises a urinal.

12. An anti-splash device for placement in an urinal, the device comprising:

two layers of material each comprising a plurality of randomly shaped fibers bound together with a water based latex binder to form a planar surface, wherein a weight of the planar surface is about eleven ounces per square yard; and

a deodorant interposed between the two layers.

13. The anti-splash device of claim 12, wherein the anti-splash device has a generally round configuration.

14. The anti-splash device of claim 12, wherein the fibrous material comprises a synthetic polyester mesh.

15. An apparatus adapted for placement in a lavatory device having an interior region for receiving waste fluid, the apparatus comprising:

a splash guard comprising a fibrous material configured to be positioned in the interior region of the lavatory device so that deflection of fluid projected into the interior region of the device away from the apparatus is substantially inhibited; and

an implement comprising two sheets of similar sized material, at least one sheet comprising a plurality of fibers arranged in a mesh-like structure so as to substantially inhibit splash back of fluid that contacts the at least one layer, the implement further comprising a deodorizer positioned between the two sheets.

16. The apparatus of claim 15, wherein the two sheets of material are sewn together along an outer perimeters of the sheets so as to contain the deodorizer therebetween.

17. The apparatus of claim 15, wherein the deodorizer comprises a deodorant block.

18. The apparatus of claim 15, further comprising an attachment device adapted to removably secure said the splash guard to a mounting surface of the lavatory device.

19. The apparatus of claim 18, wherein said attachment device comprises a suction cup including a lip configured for grasping by a user and aiding in removal of the suction cup from the mounting surface.

20. The apparatus of claim 1, wherein said attachment device further comprises a hook adapted to attach said suction cup to the device.

21. The apparatus of claim 15, wherein the lavatory device is configured to provide flushing water to the interior region of the lavatory device so that substantially all of the flushing water contacts the implement.

22. The apparatus of claim 21, wherein the anti-splash guard is positioned so that the flushing water rinses at least a portion of the anti-splash guard.

23. The apparatus of claim 15, wherein the fibrous material is dipped in a solution that inhibits bacterial, fungal, or viral growth.

24. The apparatus of claim 15, wherein the fibrous material is coated with crystals, powders, or enzymes that inhibit bacterial, fungal, or viral growth.

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