No. 837,276. PATENTED DEC. 4, 1906.

R. F. BENNETT.

SANITARY BELT BUCKLE.

APPLICATION FILED FEB. 9, 1906.

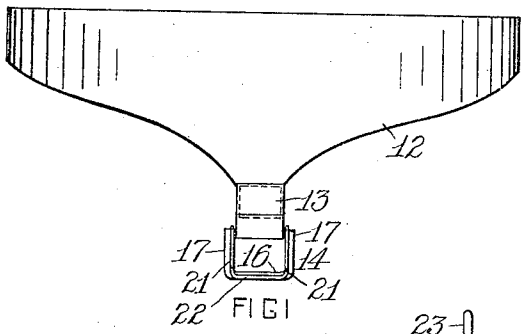

FIG 1

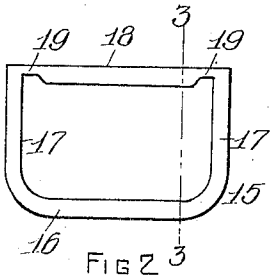

FIG 2

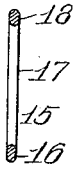

FIG 3

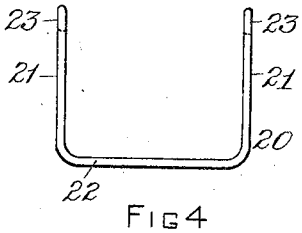

FIG 4

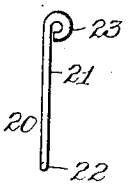

FIG 5

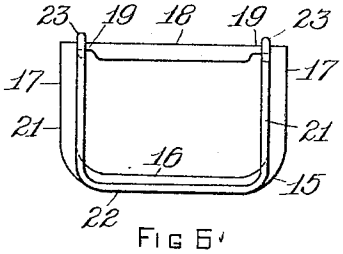

FIG 6

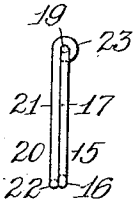

FIG 7

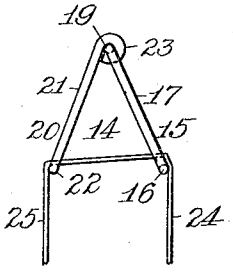

FIG 8

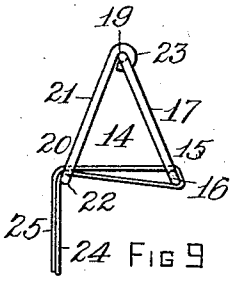

FIG 9

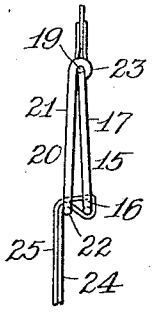

FIG 10

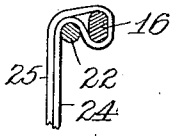

FIG 11

WITNESSES

Arthur E. Coupal.

J. Ernest Bray.

INVENTOR

Rose F. Bennett,

By her attorney.

Charles V. Gooding

UNITED STATES PATENT OFFICE.

ROSE F. BENNETT, OF BOSTON, MASSACHUSETTS.

SANITARY-BELT BUCKLE.

No. 837,276. Specification of Letters Patent. Patented Dec. 4, 1906.

Application filed February 9, 1906. Serial No. 300,271.

To all whom it may concern:

Be it known that I, ROSE F. BENNETT, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Sanitary-Belt Buckles, of which the following is a specification.

The object of this invention is to provide a cheap, strong, durable, and simple buckle adapted for various uses, but particularly adapted to be used in connection with a hygienic belt.

The object of the invention is further to provide a buckle which when forming a portion of a hygienic belt can have a piece of cloth or fabric readily attached thereto in such a manner that it will be impossible to detach said piece of cloth from the buckle by any pull which may be exerted thereon.

The invention consists in the combination and arrangement of parts set forth in the following specification and particularly as set forth in the claim.

Referring to the drawings, Figure 1 is a front elevation of a hygienic belt with my improved buckle attached thereto. Fig. 2 is a front elevation of the frame of said buckle. Fig. 3 is a sectional elevation taken on line 3 3, Fig. 2. Fig. 4 is a front elevation of the U-shaped tongue of the buckle. Fig. 5 is a side elevation of said buckle-tongue as viewed from the right of Fig. 4. Fig. 6 is a front elevation of the buckle complete. Fig. 7 is a right-hand side elevation of said buckle. Figs. 8, 9, and 10 are different illustrative side elevations of the buckle, illustrating the manner in which a piece of cloth or fabric may be attached thereto. Fig. 11 is an enlarged section through the bases of the tongue and frame of the buckle with a piece of fabric attached thereto in the preferred manner.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 12 is a hygienic belt which may be of any suitable construction. 13 is a piece of elastic webbing fast to the front of said belt, and 14 is my improved buckle attached to said webbing. The frame 15 of said buckle is preferably formed of a flat strip of metal with rounded corners consisting of a U-shaped frame having a base 16, two legs 17, and a cross-bar 18, said cross-bar being formed in one piece with said U-shaped portion of the frame 15 and serving to rigidly connect the legs 17 17 together.

The cross-bar 18 is formed cylindrical in shape at the opposite ends thereof adjacent to the legs 17 17, as at 19 19. The tongue 20 is formed, preferably, of cylindrical wire bent in a U shape, as illustrated in Fig. 4, said U-shaped tongue consisting of two legs 21 21 and a base 22, connecting said legs. The legs 21 21 are formed into eyes 23 23 at their free ends, these eyes encircling the cylindrical portions 19 19 upon the cross-bar 18 of the frame 15 in the completed buckle. The legs 17 of the U frame 15 are substantially equal in length to the legs 21 of the tongue 20, so that when the portions are assembled in the completed buckle the base 16 comes substantially in alinement with the base 22. The fabric or cloth is attached to the buckle in the following manner.

Referring to Figs. 8, 9, 10, and 11, one end 24 of the cloth 25 is passed through the tongue and frame of the buckle above the bases of said tongue and frame, as illustrated in Fig. 8, the end 24 is carried downwardly around the base 16 of the frame 15, thence carried between the base 16 and the base 22 over the base 22 of the tongue 20 and beneath the body portion of the cloth 25, the end 24 finally being left as illustrated in Figs. 10 and 11. It will be seen that a downward pull upon the body portion 25 of the cloth only tends to more firmly fasten or clamp the end 24 of said cloth to the buckle, said end being clamped between the two bases 16 and 22 of the frame 15 and tongue 20, respectively.

It will be seen and understood that when the fabric or cloth is finally attached to the tongue as hereinbefore described, and particularly by reference to Fig. 11, the fabric is looped at one end thereof to encircle the base 16 of the frame 15 and that both ends of said fabric extend from the base 16 over the base 22 of the tongue 20.

Having thus described my invention, what I claim, and desire by Letters Patent to secure, is—

A buckle comprising a U-shaped frame with a cross-bar rigidly connecting the legs of said U-shaped frame together, said frame formed of a flat strip of metal and said cross-bar formed cylindrical in shape at the oppo-

site ends thereof, and a U-shaped tongue, the legs of said tongue formed into eyes at their free ends thereof, said eyes encircling the cylindrical ends of said cross-bar, whereby said tongue is pivoted to said frame, the legs of said tongue and frame being of substantially the same length.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ROSE F. BENNETT.

Witnesses:
CHARLES S. GOODING,
ANNIE J. DAILEY.