No. 893,459. PATENTED JULY 14, 1908.

L. J. DAVIS.

SANITARY BELT.

APPLICATION FILED APR. 22, 1907.

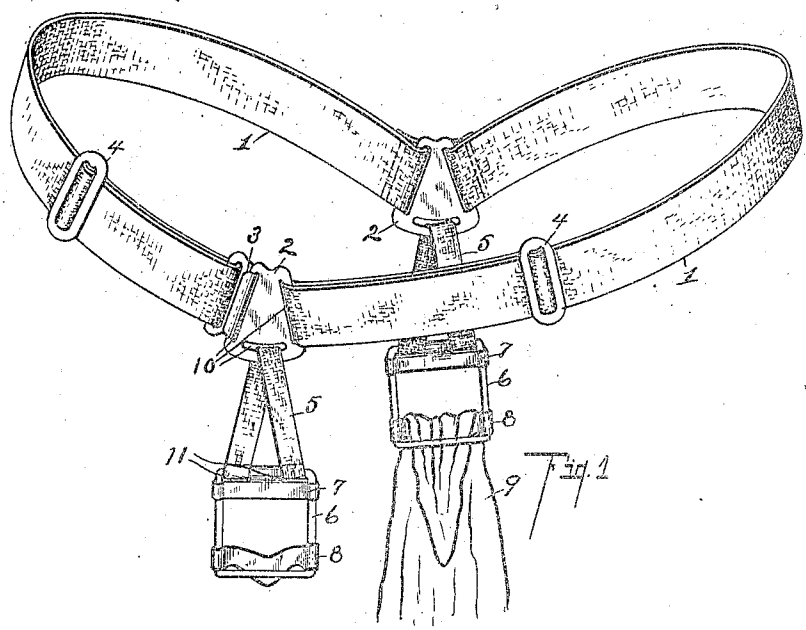


Fig. 1

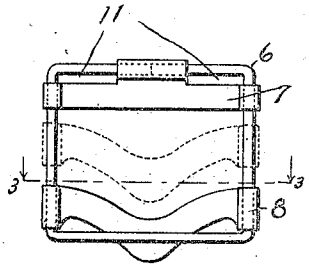


Fig. 2



Fig. 3

Witnesses:

A. F. Adams

Lulu Greenfield

Inventor,

Linford J. Davis

By Chappell & Earl

Att'ys

UNITED STATES PATENT OFFICE.

LINFORD J. DAVIS, OF BATTLE CREEK, MICHIGAN

SANITARY BELT.

No. 893,459. Specification of Letters Patent. Patented July 14, 1908.

Application filed April 22, 1907. Serial No. 369,611.

To all whom it may concern:

Be it known that I, LINFORD J. DAVIS, a citizen of the United States, residing at the city of Battle Creek, county of Calhoun, State of Michigan, have invented certain new and useful Improvements in Sanitary Belts, of which the following is a specification.

This invention relates to improvements in catamenial devices.

The main object of this invention is to provide an improved buckle or attached device which is particularly desirable for use in connection with sanitary belts, although it is adapted for use in other relations.

Further objects, and objects relating to details of construction will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure embodying the features of my invention is clearly illustrated in the accompanying drawing, forming a part of this specification, in which,

Figure 1 is a detail perspective view of a structure embodying the features of my invention. Fig. 2 is a plan view of the buckle or attaching device. Fig. 3 is a cross section thereof taken on a line corresponding to line 3—3 of Fig. 2.

In the drawing, the sectional view is taken looking in the direction of the little arrows at the ends of the section line, and similar numerals of reference refer to similar parts throughout the several views.

Referring to the drawing, the belt is made up of a pair of straps 1—1, which are connected by a pair of coupling members 2. These members 2 are each provided with three slots as 10 arranged in a triangular position. The belt straps 1—1 are provided with buckles 4 by means of which they may be adjusted, one of the straps having a hook 3 at its forward end adapted to engage the slot in the front coupling member, whereby it may be readily disengaged.

The buckles or fastening members preferably consist of the rectangular frame 6, formed of a single piece of wire, the ends of the wire being brought together at the inner end of the frame. Across the top of the frame is a T-shaped cross piece 7, formed of sheet metal having its ends folded about the sides of the frame and about the upper end of the frame, embracing the abutting ends of the frame wire, effectively securing the same together, and also coacting with the frame to form the strap loops 11 in which the ends of the supporting straps 5 are secured. These supporting straps are looped or slidably arranged through the bottom openings in the coupling members 2. An adjustable engaging member 8, which is also preferably formed of sheet metal, is slidably mounted on the frame preferably by folding its ends around the side portions of the frame, so that it is slidable thereon, as clearly appears in Fig. 2. This adjustable engaging member is preferably somewhat V-shaped in cross section and is offset so that its engaging portion passes down beside the bottom portion of the frame coacting therewith to engage the napkin as 9. By thus forming and arranging the parts, I secure in a very simple and economical manner, a buckle or fastening, which may be readily attached or disengaged, and one which holds the napkin in a very desirable manner. The belt is also very convenient and is arranged so that it is easily attached and is very comfortable for the wearer.

I have illustrated and described my improvement in detail in the form preferred by me on account of its structural simplicity and economy. I am aware, however, that it is capable of considerable variation in structural details without departing from my invention.

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

1. A buckle comprising a frame formed of a single piece of wire, the ends of the wire being brought together at the upper end of the frame; a T-shaped cross-piece formed of sheet metal having its ends folded about the sides of said frame and about the upper end thereof to embrace the ends of the frame wire, said cross piece coacting with said frame to form a pair of strap openings; and an adjustable engaging member slidably mounted on the side pieces of said frame, adapted to coact with the outer end of the frame in engaging the article to be secured, as specified.

2. A buckle comprising a frame formed of a single piece of wire, the ends of the wire being brought together at the upper end of the frame; a T-shaped cross-piece formed of

sheet metal having its ends folded about the sides of said frame and about the upper end thereof to embrace the ends of the frame wire; and an adjustable engaging member slidably mounted on the side pieces of said frame, adapted to coact with the outer end of the frame in engaging the article to be secured, as specified.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

LINFORD J. DAVIS. [L. S.]

Witnesses:
E. MAE RICHTMYER,
DORA M. LUTZ.