

No. 795,469.

PATENTED JULY 25, 1905.

A. M. YOUNG.  
SANITARY BELT.  
APPLICATION FILED NOV. 12, 1904.

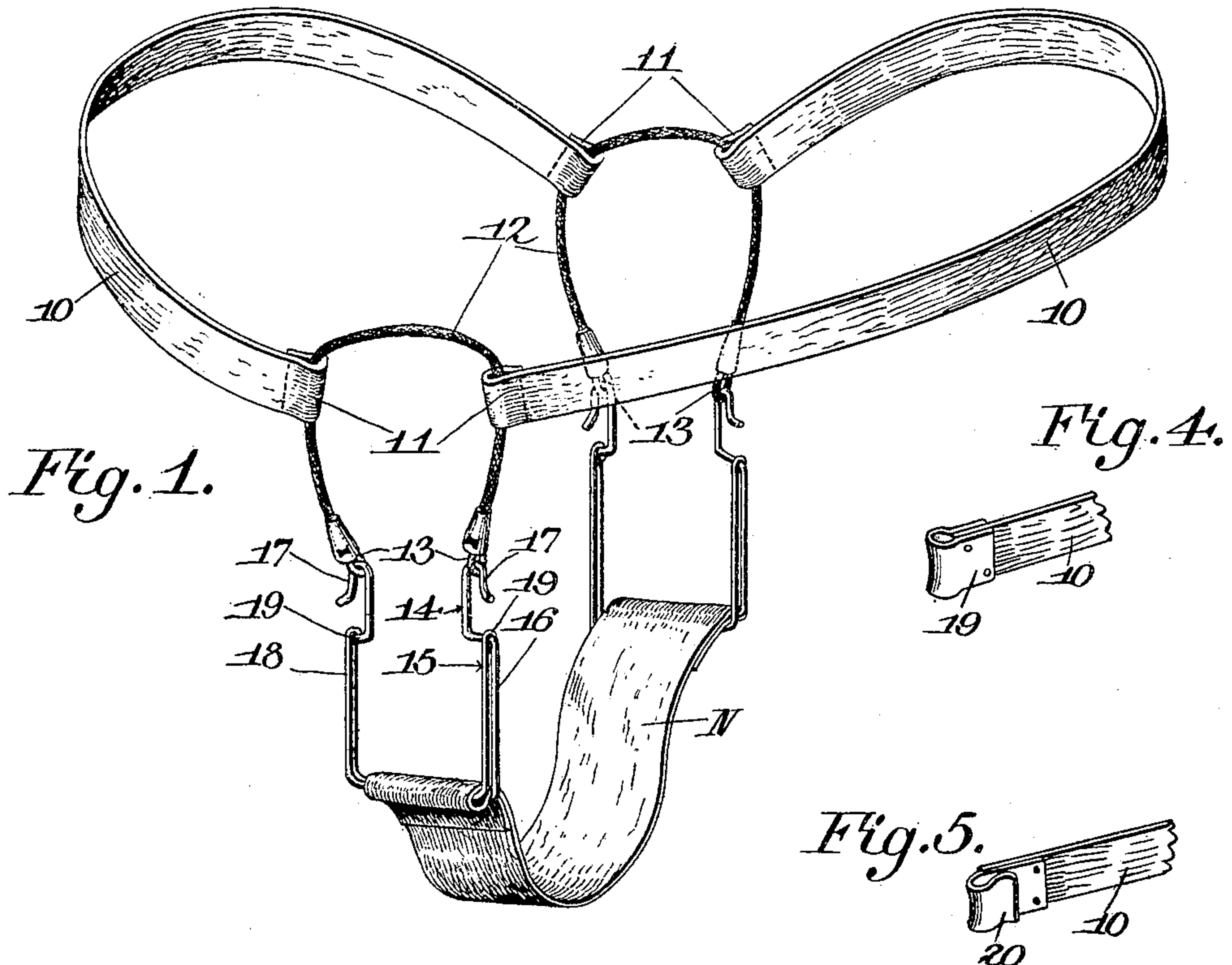


Fig. 3.

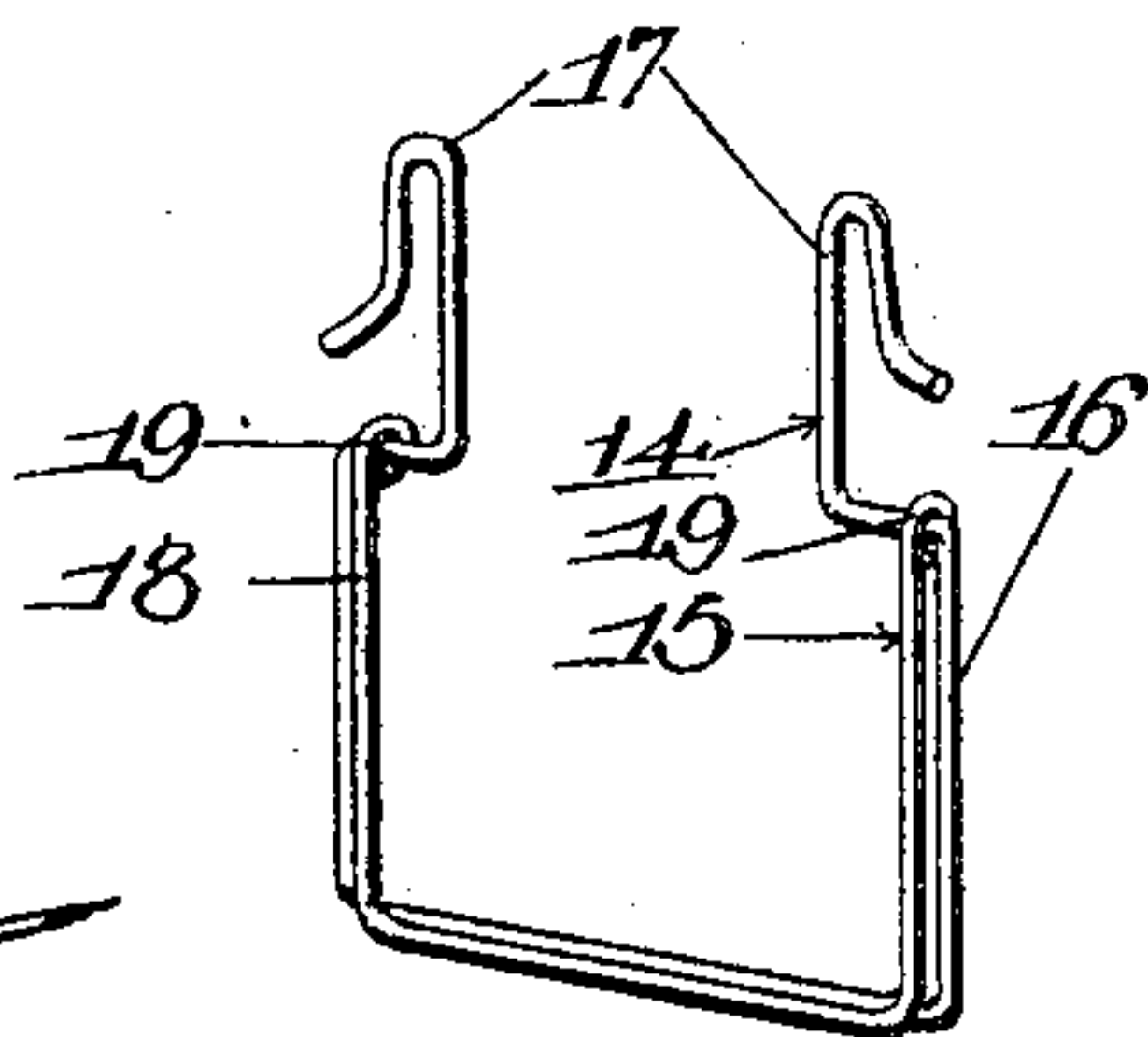
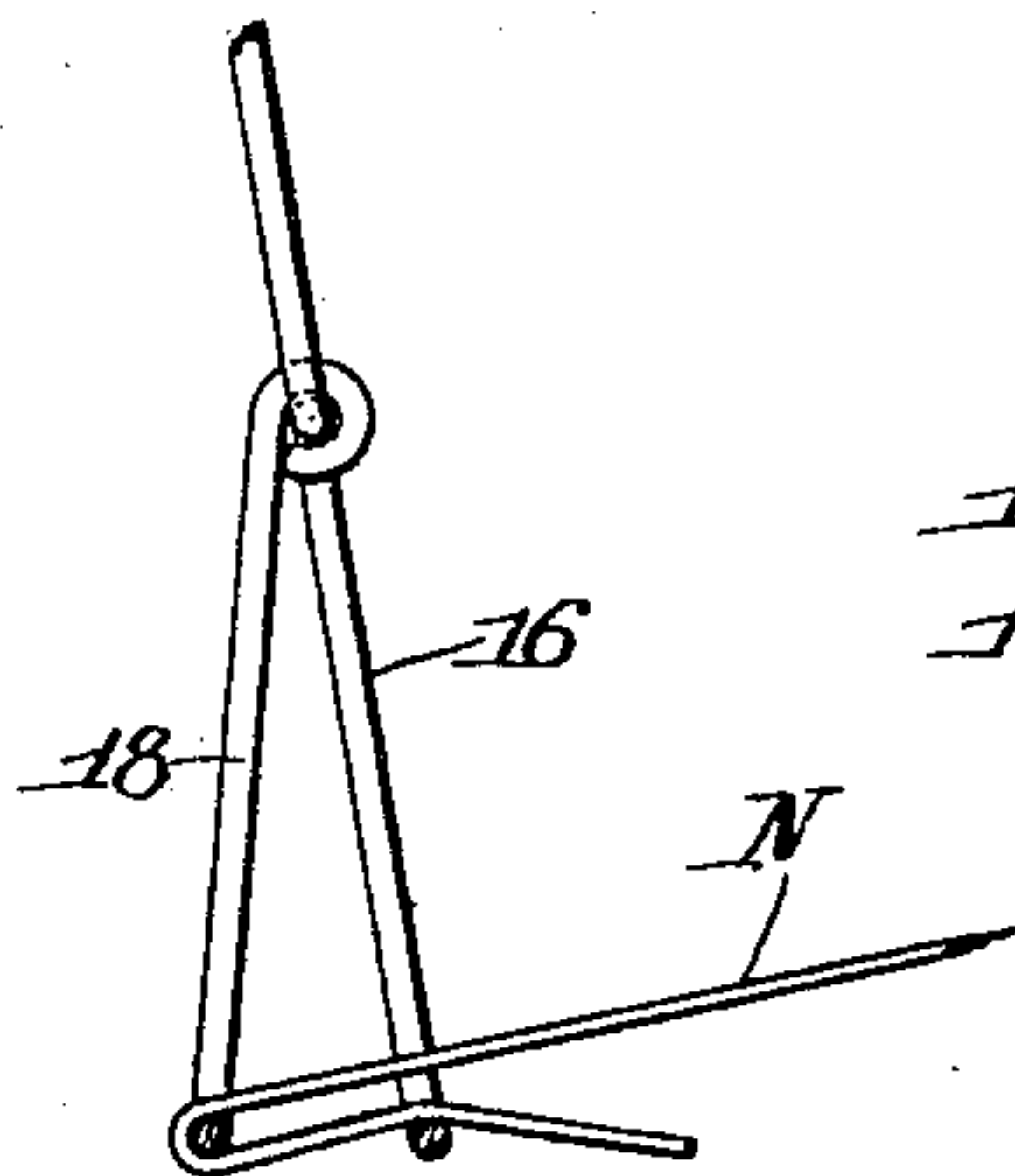


Fig. 2.

Witnesses:  
*E. J. Stewart*  
*R. M. Elliott*

*Arthur M. Young,* Inventor,  
by *C. A. Snow & Co.* Attorneys.



# UNITED STATES PATENT OFFICE.

ARTHUR M. YOUNG, OF CHICAGO, ILLINOIS.

## SANITARY BELT.

No. 795,469.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed November 12, 1904. Serial No. 232,508.

*To all whom it may concern:*

Be it known that I, ARTHUR M. YOUNG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Sanitary Belts, of which the following is a specification.

This invention relates to catamenial appliances.

The objects of the invention are, first, to dispense with the employment of safety-pins, buckles, and other fastening devices calculated to produce friction, and thus irritation; second, to cause the appliance automatically to adapt itself to different postures of the wearer, and, third, to facilitate the application and removal of the appliance and to adapt it to be worn without discomfort under all the garments.

In attaining the objects mentioned and others, which will appear as the invention is fully disclosed, I make use of the novel combination of elements hereinafter described, illustrated in the drawings, and particularly specified in the claims.

In the drawings, Figure 1 is a perspective view of the appliance with a napkin secured thereby. Fig. 2 is a detail view of one of the napkin-clasps. Fig. 3 is a view in side elevation, showing the manner in which the napkin is combined with the supporting-clasp. Figs. 4 and 5 are perspective detail views showing slightly-modified forms of supporting-webbings.

Referring to the drawings, in which corresponding parts are designated by similar characters of reference, 10 10 designate two straps of non-elastic webbing or other suitable fabric, provided at both ends with loops 11. The straps 10 10 are always of equal length; but in appliances for women of different sizes the straps must be of different lengths, the sizes of the appliances being preferably regulated by the lengths of the skirt-bands. Two elastic cords 12 12 are passed through the loops 11, as shown in Fig. 1, and these cords are provided at their ends with loops 13, in which are suspended the clasps for securing the napkin N.

Various forms of napkin-clasps may be employed; but the preferred form is that shown in Fig. 2, which is quick and certain in action and does not irritate the wearer in any way. The preferred form of clasp consists of a main member 14 and a supplemen-

tary member 15, hinged to the main member. The member 14 consists, preferably, of a piece of wire bent to form a substantially rectangular loop 16 and having its terminals formed into hooks 17, which engage with the loops 14 at the ends of the elastic cords. The supplemental member 15 of each clasp is a wire bent to form a loop 18 similar to the loop 16 and having its ends formed into eyes 19, through which portions of the member 14 pass.

The complete appliance consists merely of the straps 10 10, cords 12 12, and the two clasps suspended in the loops at the ends of the cords 12 12. When the device is in use, the straps 10 10 rest upon the hips of the wearer in the usual manner and the cords 12 12 hang down at front and back in convenient position to secure the napkin. To fasten the napkin in position by means of the clasps, each end must be drawn through both members of the clasp, then downward below the supplementary member and through the loop of the main member, as shown in Fig. 3. The downward pull on the napkin will draw the members of the clasp together and cause them to grasp the napkin tightly. The removal of the napkin from the clasps may be accomplished by reversing the procedure observed in applying it.

Instead of securing the straps to the cords by looping the terminals around the latter eyes 19 may be combined with the straps, as shown in Fig. 4, or hooks 20, as shown in Fig. 5, that portion of each of these parts which will contact with the cords being preferably rounded, thus to reduce friction to a minimum.

From the foregoing description and the drawings illustrative thereof it will be seen that the straps 10 10 are so connected with the cords 12 12 that the appliance will automatically adapt itself to any position taken by the wearer, so as not to cause unpleasant pressure at any point and so as to avoid any tendency to displace the napkin. It will also be seen that the elasticity of the cords 12 12 makes the appliance adapt itself to the compression of the waist when the corsets are put on and prevent the sagging of the napkin, which would result if non-elastic supporting members were employed. The employment of the elastic cords 12 also obviates the necessity of providing slides or buckles to adjust the device to different figures or to compensate for variations in the size and weight of the wearer.



In addition to the features above mentioned the simplicity and extreme lightness of the appliance contribute to the comfort of the user.

Having thus described the invention, what is claimed is—

1. An appliance of the class described comprising a pair of oppositely-arranged straps having terminal guide-loops, cords slidably arranged in the loops and cooperating with the straps to form a belt, and napkin-securing devices connected with the cords.

2. An appliance of the class described comprising a pair of oppositely-arranged straps having terminal guide-loops, cords slidably arranged in the loops and cooperating with the straps to form a belt, and clasps connected with the cords.

3. An appliance of the class described comprising a pair of oppositely-arranged straps having terminal guide-loops, cords slidably ar-

ranged in the loops, and clasps detachably connected with the cords.

4. An appliance of the class described, comprising a pair of oppositely-disposed non-elastic straps having terminal loops, elastic cords slidably arranged in the loops, and napkin-securing devices combined with the cords.

5. An appliance of the class described, comprising a pair of straps of non-elastic material, elastic connections cooperating with the straps to form a belt and having terminal loops, and clasps having hooks to engage with the loops.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ARTHUR M. YOUNG.

Witnesses:

C. R. BECHTEL,  
GEO. H. SHANK.