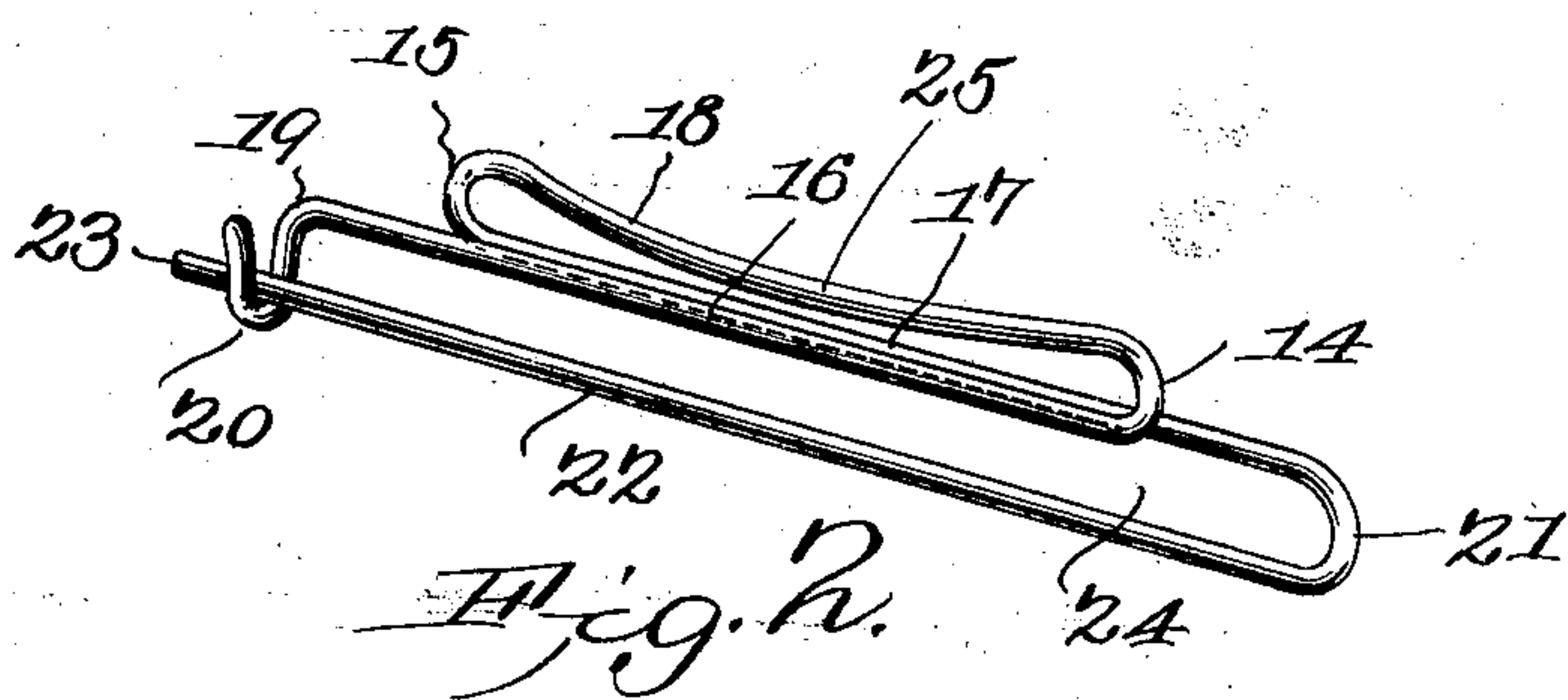
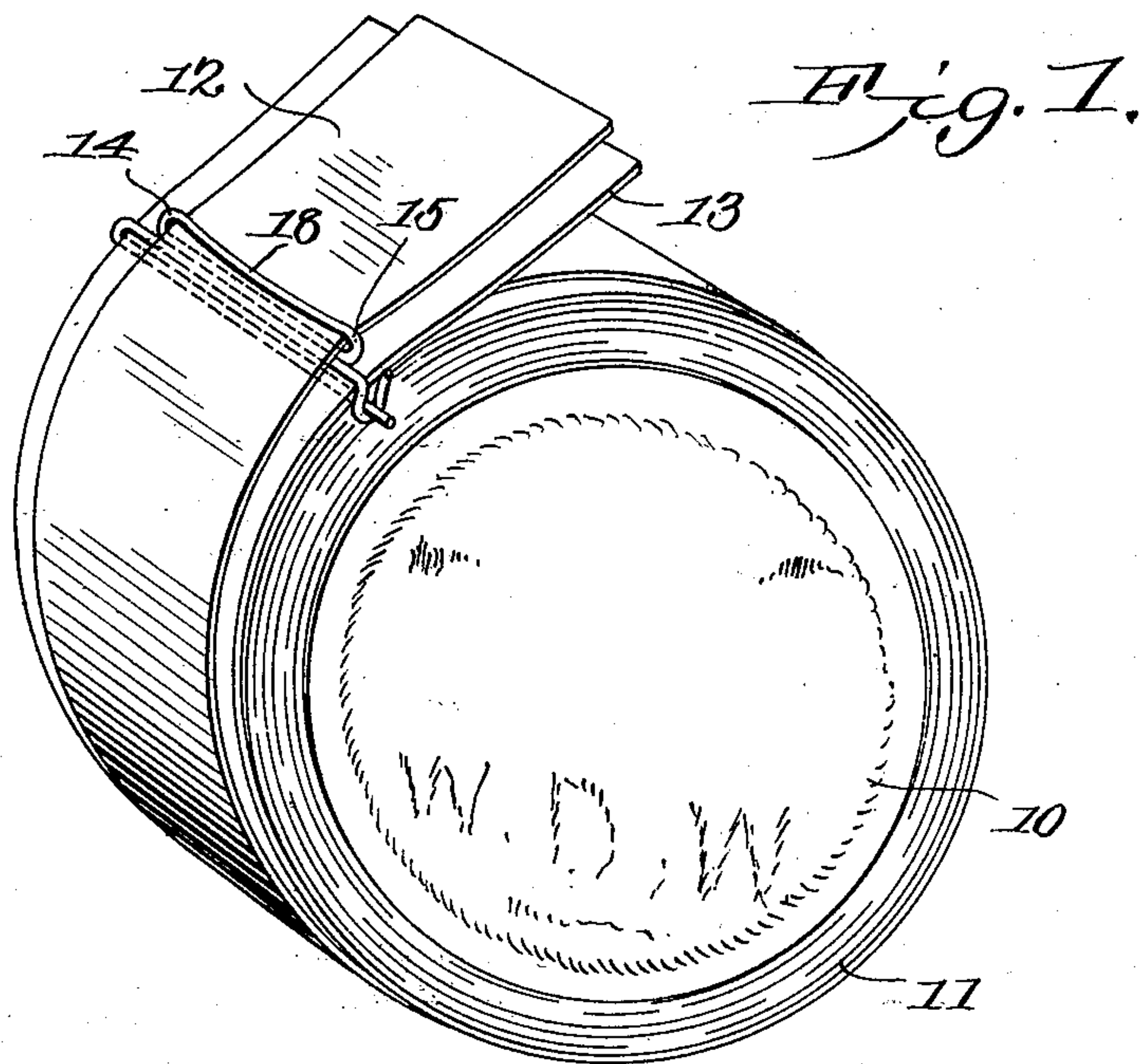


No. 862,213.

PATENTED AUG. 6, 1907.

D. J. STRASSEL.  
RIBBON SLIDE.  
APPLICATION FILED OCT. 9, 1905.



Witnesses

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# UNITED STATES PATENT OFFICE.

DAVID J. STRASSEL, OF FOND DU LAC, WISCONSIN.

## RIBBON-SLIDE.

No. 862,213.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed October 9, 1905. Serial No. 281,981.

*To all whom it may concern:*

Be it known that I, DAVID J. STRASSEL, a citizen of the United States, residing at Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have  
5 invented a new and useful Ribbon-Slide, of which the following is a specification.

This invention relates to ribbon slides and has for an object to provide a device of the class embodying new and improved features of convenience, cheap-  
10 ness, utility and efficiency.

A further object of the invention is to provide a slide for use upon a bolt of ribbon and embodying a pin which may be inserted between the convolu-  
15 tions of the ribbon on the bolt and engaged by a hook and carrying an auxiliary loop through which the free end of the ribbon is passed.

With these and other objects in view, the present invention consists in the combination and arrange-  
20 ment of parts as will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings:—Figure 1 is a perspective view of the improved ribbon slide applied to a bolt of ribbon. Fig. 2 is a perspective view of the slide detached.

25 Like characters of reference indicate corresponding parts in all of the figures of the drawings.

The improved ribbon slide forming the subject matter of this application is made in different sizes to fit and for use upon bolts of ribbon of the several  
30 standard widths, one of which is represented by the cylinder 10 upon which are the several convolutions 11 composed as usual of alternate layers of ribbon 12 and strips of paper 13.

In its preferred form the improved slide is com-  
35 posed of a single piece of wire bent as at 14 and 15 and folded back upon itself as at 16 and 17 to form the elongated loop 18, the ends continued beyond the ends of the loop as shown.

One end is bent as at 19 in the direction opposite  
40 the loop and substantially at right angles and again bent into the hook 20. The opposite end is bent at 21 and back upon itself to form the pin like section 22 and with the end 23 engaging the hook and forming the loop 24 longer than and substantially parallel with  
45 the loop 18.

The middle portion of the loop 18 is curved or de-  
pressed toward the sections 16 and 17 as at 25 to form a yieldable bearing surface adapted to bear against the ribbon and whereby the ribbon is clamped to pre-  
50 vent accidental slipping and unwinding.

The slide is applied by inserting the pin between the convolutions of the roll with one or more thick-  
nesses of the ribbon and paper within the loop 24 and engaging the end 23 in the hook 20. The end of the ribbon is then inserted through the loop 18 and the  
55 device is ready for operation.

To unwind the ribbon the curved portions 19 and 21 are grasped between the thumb and finger of one hand and the free end of the ribbon drawn out the re-  
quired length at which point it is automatically se-  
60 cured with no danger of unrolling by dropping or otherwise. If too much ribbon has been unwound the slide is similarly grasped and the bolt rotated when the ribbon and paper will be automatically and  
65 accurately wound and retained at such position with- out the necessity of pinning which requires time and damages fabric.

The slide occupies so little space that it does not in any manner interfere with packing and storing the bolts and for display will hold the ribbon wound about  
70 the bolt or hold it with any desired amount unrolled and draped if desired. When the ribbon has been re- moved from a tube, the slide may be placed on an- other roll and its usefulness continued.

Having thus described the invention, what is  
75 claimed is:—

1. A ribbon-roll slide comprising a plurality of super-  
posed loops one of which is provided with an intermediate depressed portion forming a yieldable bearing surface and the opposite loop with means for locking the slide in en-  
80 gagement with one or more convolutions of the ribbon.

2. A ribbon-roll slide comprising a plurality of super-  
posed loops one of which is provided with an intermediate depressed portion forming a yieldable bearing surface, the  
85 opposite loop being adapted to embrace one or more convo- lutions of the ribbon and provided with interlocking ends.

3. As an article of manufacture, a wire bent to form an elongated loop the ends of which are crossed at one side of the loop and one end provided with a hook and the other  
90 end bent to engage the hook and form a second elongated loop substantially parallel with the first loop.

4. As an article, a wire bent to form an elongated loop the ends of which are crossed at one side of the loop and one end extended beyond the loop and provided with a hook  
95 and the other end bent beyond the end of the loop and adapted to engage the hook and form a second elongated loop longer than and substantially parallel with the first loop.

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

D. J. STRASSEL.

Witnesses:

LU M. GIBSON,  
J. T. HARDGROVE.