

(No Model.)

H. W. REYNOLDS.

SHAWL STRAP.

No. 412,295.

Patented Oct. 8, 1889.

Fig. 1.

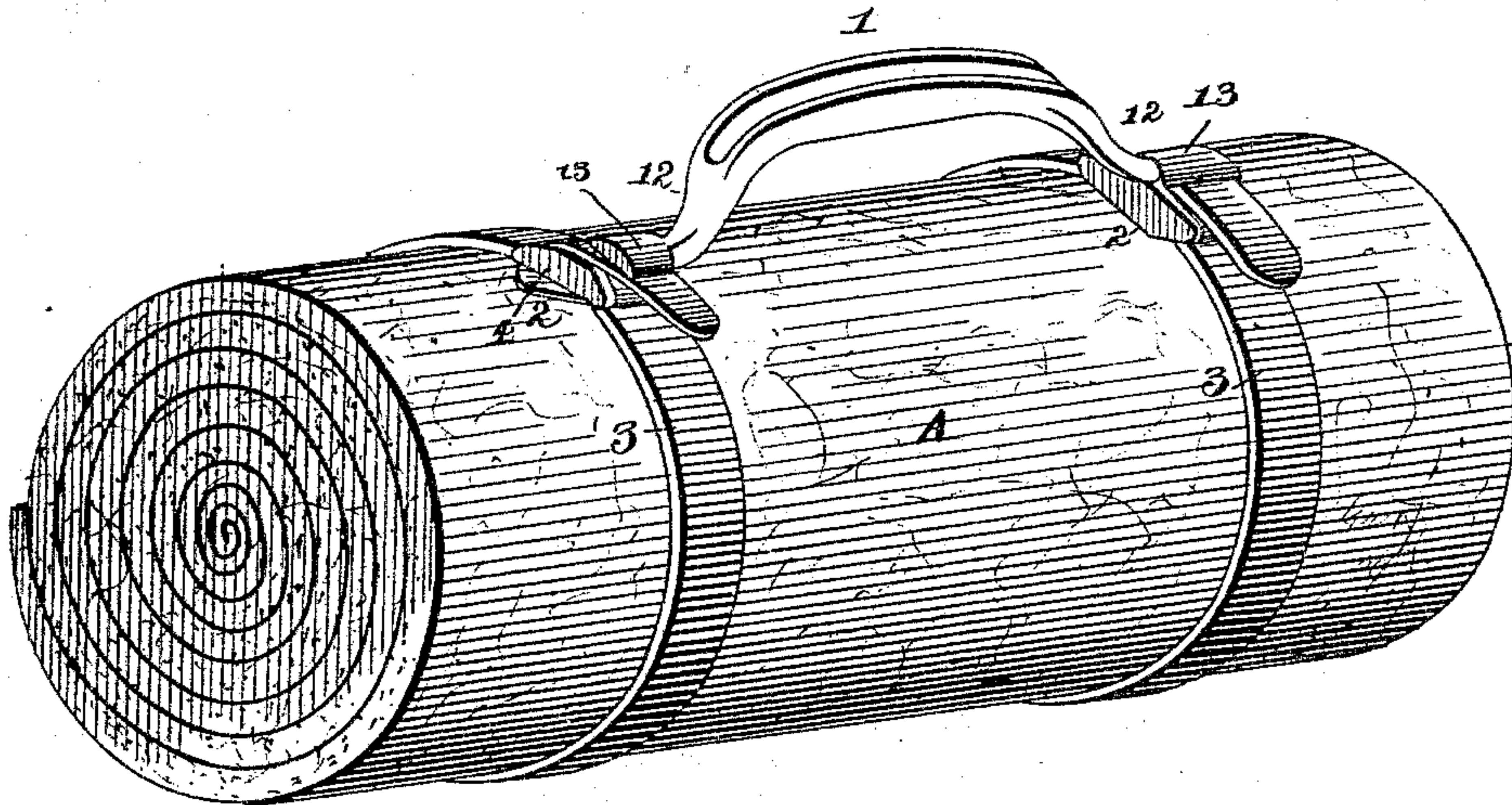


Fig. 2.

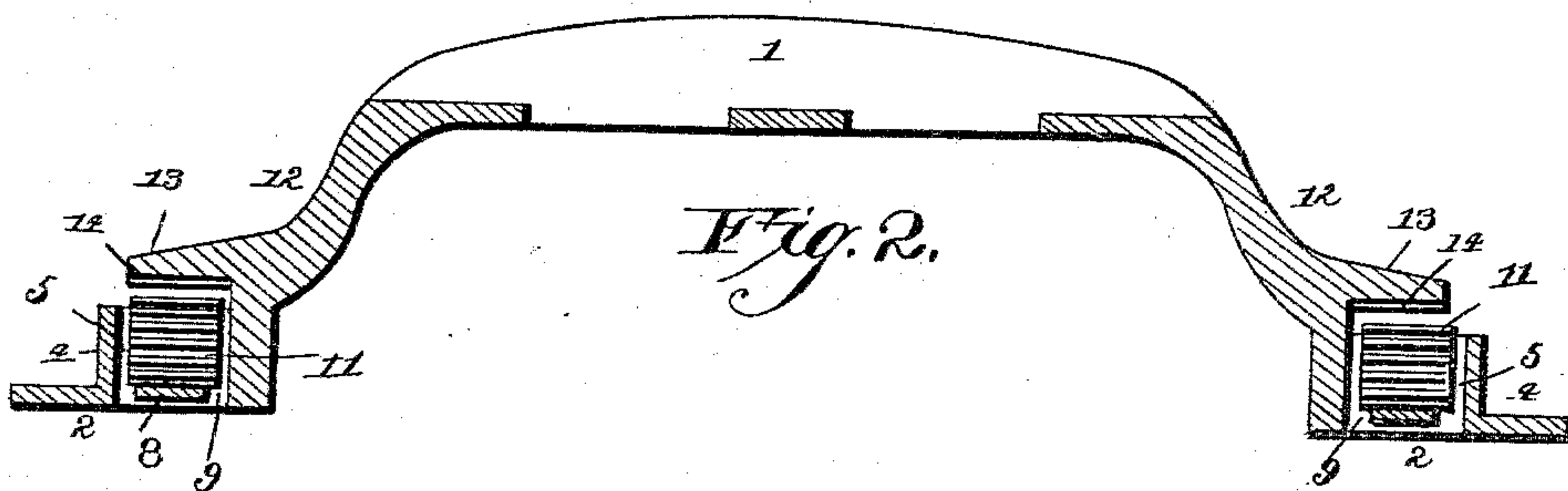
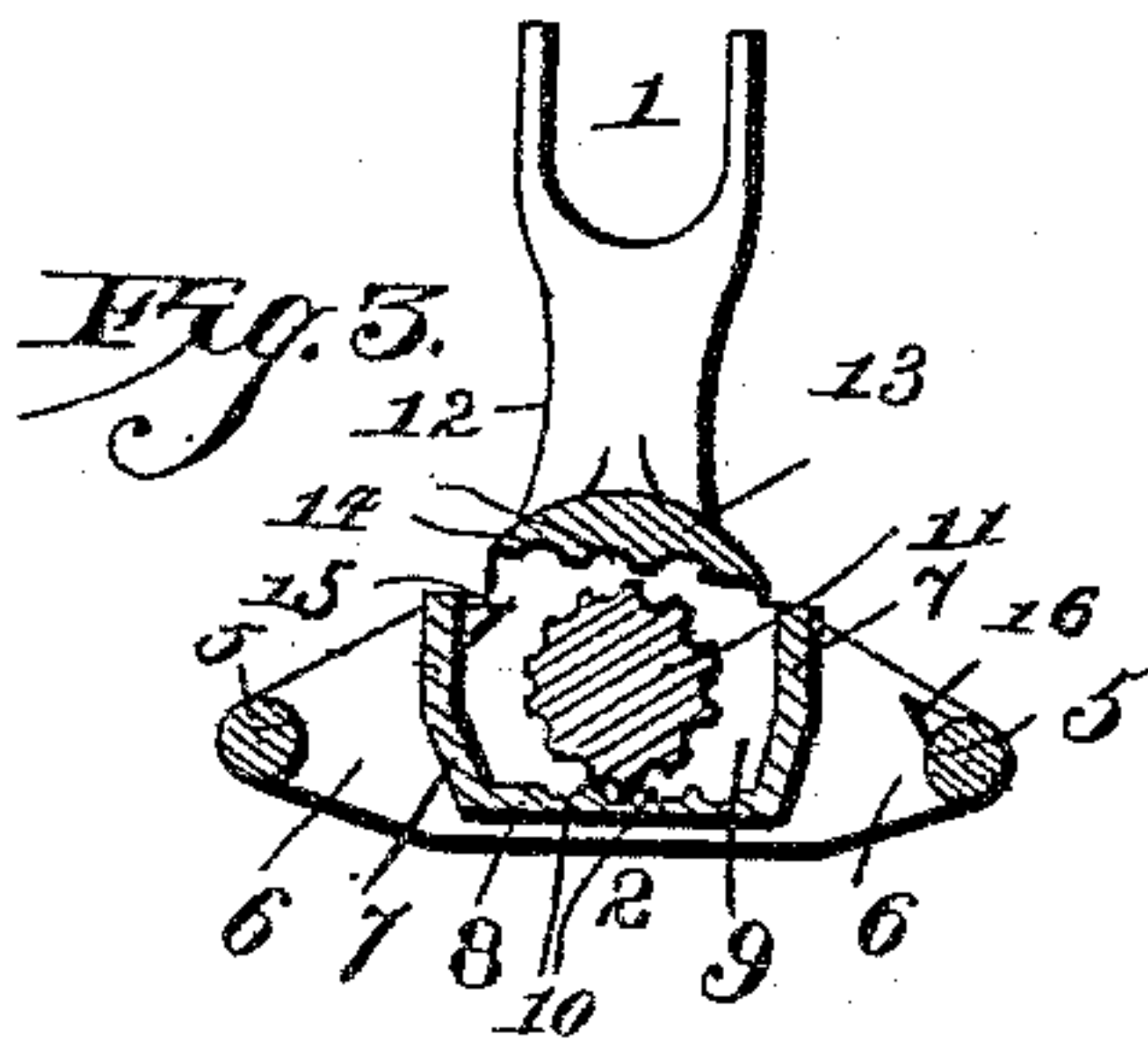


Fig. 3.



Witnesses:

Henry S. Dietrich

W. S. Small

Inventor

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By his Attorneys

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UNITED STATES PATENT OFFICE.

HOWARD W. REYNOLDS, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF TO N. E. STONEBURN, OF SAME PLACE.

SHAWL-STRAP.

SPECIFICATION forming part of Letters Patent No. 412,295, dated October 8, 1889.

Application filed May 23, 1889. Serial No. 311,868. (No model.)

To all whom it may concern:

Be it known that I, HOWARD W. REYNOLDS, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented a new and useful Shawl-Strap, of which the following is a specification.

This invention has relation to shawl-straps, and has special reference to the construction of the handle; and among the main objects in view are to provide a simple cheaply-constructed handle adapted for the reception of the strap, and that in such a manner as to be capable of any adjustment of the strap and connection therewith without the necessity of perforating the strap, whereby neat and tasty tapes may be employed in lieu of the usual strap having a series of perforations which soon become marred and torn by the tongues of the buckles.

With these general objects in view the invention consists in providing preferably a cast-metal handle, the ends of which terminate in suitable keepers through which the straps may be passed, and in recesses or pockets in which are located the binding devices adapted to bind the tapes against a projection and against withdrawal in one direction, but which may be withdrawn in a lateral direction or sidewise, and which may be readily and quickly inserted between the binding device and the fixed portion, all as will hereinafter appear and be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a handle constructed in accordance with my invention, the same being in an operative position upon a shawl. Fig. 2 is a longitudinal section; and Fig. 3 is a transverse section near one end of the handle, or through what I term the "binding device."

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing my invention I prefer to construct the handle, the keepers, and the entire device, with the exception of the binding medium, in a single casting, though, if desired, certain portions may be cast separately, I not limiting my invention in this regard.

1 represents an ordinary handle or bail,

which, if desired, may be provided with a suitable covering of leather or other material. Each of the ends of the handle terminate in a flared plate 2, in which are located, as will be hereinafter described, the binding devices and the means for receiving and guiding the tapes 3. The plates 2 consist of opposite end portions or plates 4, the extremities of which are connected by bars 5, forming loops or openings 6. Intermediate the bars 5 the plates 4 are connected by transverse partitions 7, which are connected at their lower ends by a longitudinal bar 8, forming a bottom for the recess 9, composed of the partitions 7 and the bar 8. The bar 8 is in this instance provided with a series of teeth 10, and within the recess 9, and designed to loosely mesh with the teeth, is located a loose spur-roller 11, the diameter of which is greater than the depth of the recess 9.

From the handle, or rather the reduced shank portion 12 thereof, there projects over the recess 9 a fixed plate 13, the same being inclined laterally toward one of the partitions 7, and being of such a width as to be less than the distance from one partition 7 to the other. The under surface of the bar 13 is provided with a series of teeth 14, for a purpose hereinafter specified. A spur or lug 15 projects from that partition 7 farthest from the stationary plate 13, whereby the spur-roll 11 is prevented from leaving the recess.

A represents the shawl or other bundle, and 3 an ordinary elastic or non-elastic tape, the end of each tape being fastened over a spur 16, formed upon that cross-bar 5 at that side of the plate 2 toward which the inclined binding-plate 13 is disposed. After fastening over the spur the opposite terminal of the strap is passed down and around the bar 5 over the same and downwardly through the opening 6, under the transverse bar 8, and up through the opposite opening 6 and over the opposite bar 5, and from thence around the shawl A or other object, again over the first bar 5 and between the edge, which is the lower of the binding-plate 13, and the upper edge of the adjacent partition 7, under said plate, and out over the opposite partition 7. Now, by drawing upon the terminal of each of the tapes 3,

the required tension will be given the same, and by releasing the same the spurs or corrugations upon the roll 11 will engage the tape and said roll will be drawn against the partition 7 and the binding-plate 13, whereby the tape will be bound snugly between the teeth of the roll and the plate, and the teeth 10 upon the plate 8 will tend to maintain the roll 11, in conjunction with the tension of the tapes, snugly in position.

It is evident from the above description that all that is necessary to be done to loosen the tape is to draw the same in the same direction as in the act of securing the shawl, when the spur-wheel 11 will be drawn to the opposite side of the recess, and the tape may be moved laterally from under the plate 13.

In lieu of the spur-wheel 11, I may substitute a cam-disk, and either mount the same loosely or pivotally in the recess 9.

I am aware that it is not broadly new to provide a shawl-strap handle with a self-fastener to avoid the necessity of perforating the strap; but in this prior construction the straps have to be put in and drawn out endwise, which causes inconvenience and loss of time. In my device the straps are applied or removed laterally, and this I regard as a great advantage.

Having described my invention, what I claim is—

1. A shawl-strap handle consisting of a central handle portion terminating in recesses adapted for the reception of and provided with a loosely-inclosed rotatable binding-roller and a superimposed binding-plate, substantially as specified.

2. A shawl-strap handle the ends of which terminate in recesses, a loose roller forming a binding device mounted in the recess, a superimposed binding-plate mounted above the recess, and opposite tape-receiving bars or keepers, substantially as specified.

3. A shawl-strap the ends of which terminate in recesses having a corrugated bottom, a superimposed inclined corrugated binding-plate, and a binding-roller the periphery of which is corrugated and mounted in the recess, and of a diameter greater than the depth of the same, substantially as specified.

4. A shawl-handle the ends of which terminate in plates, consisting of side bars and end bars and two intermediate partitions connected at their bottoms to form a recess, and a superimposed inclined binding-plate, in combination with the binding device mounted in the recess and tapes connected to the end bars and adapted to be inserted laterally under the plate and over the binding device, substantially as specified.

5. The handle 1, terminating in the plates 2 and 13, the plate 2, provided with the opposite plates 4, the bars 5, partitions 7, connected with the bar 8, and the spur-roll 11, in combination with the tapes 3, connected to a spur 16 formed on one of the bars 5, passed under the plate 2 and over the opposite bar 5, and inserted laterally between the binding device 11 and the plate 13, substantially as specified.

6. A shawl-strap handle terminating in clamping devices for the straps, consisting of binding-roller and a superimposed binding-plate, the said binding device being separated from the plate by a slight space to receive the strap, which space is open at one side only to allow for the lateral insertion of the straps, as set forth.

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

HOWARD W. REYNOLDS.

Witnesses:

N. E. STONEBURN,
CHARLES M. ALLEN.