

C. C. BLAKE.

TAG.

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915,157.

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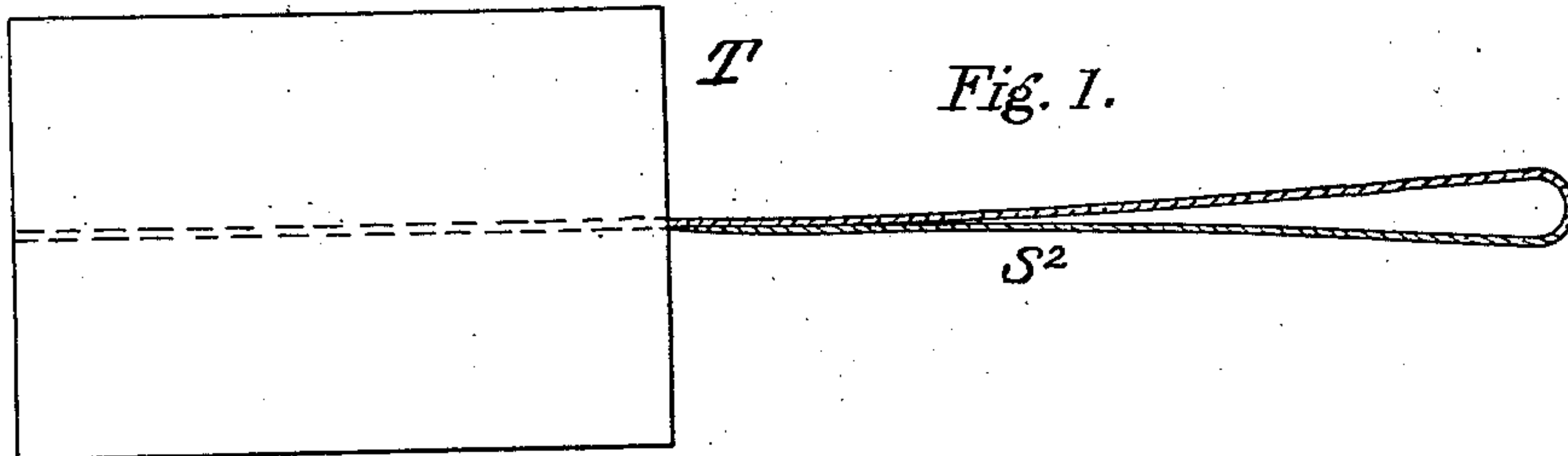


Fig. 1.

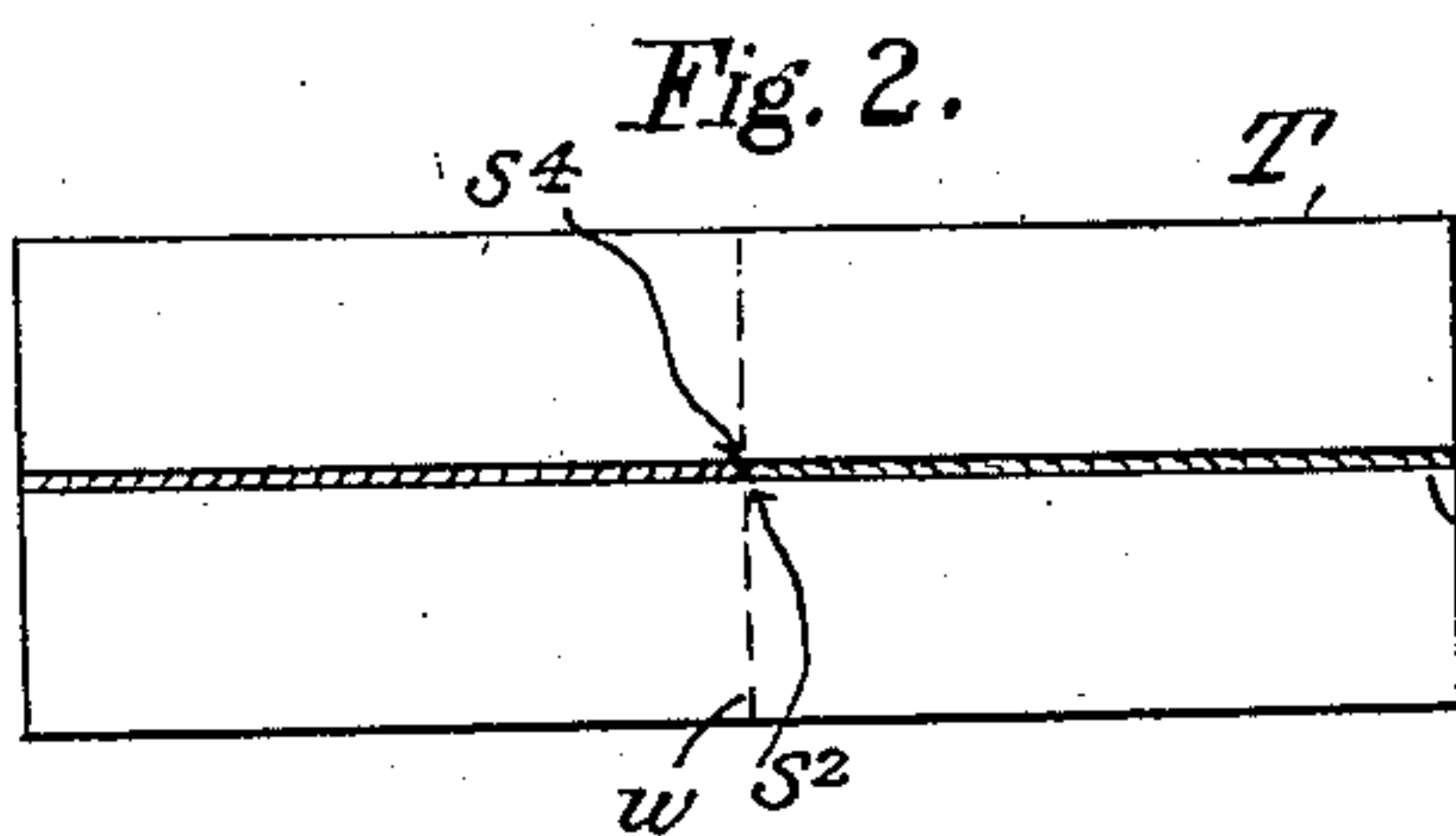


Fig. 2.

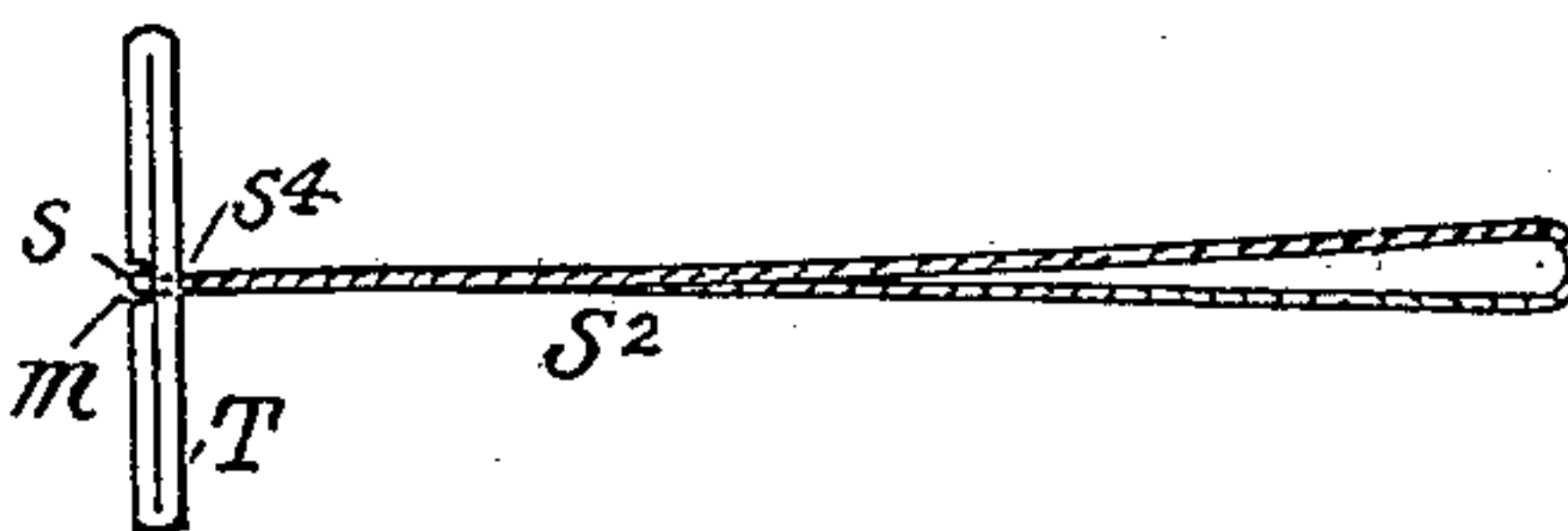


Fig. 3.

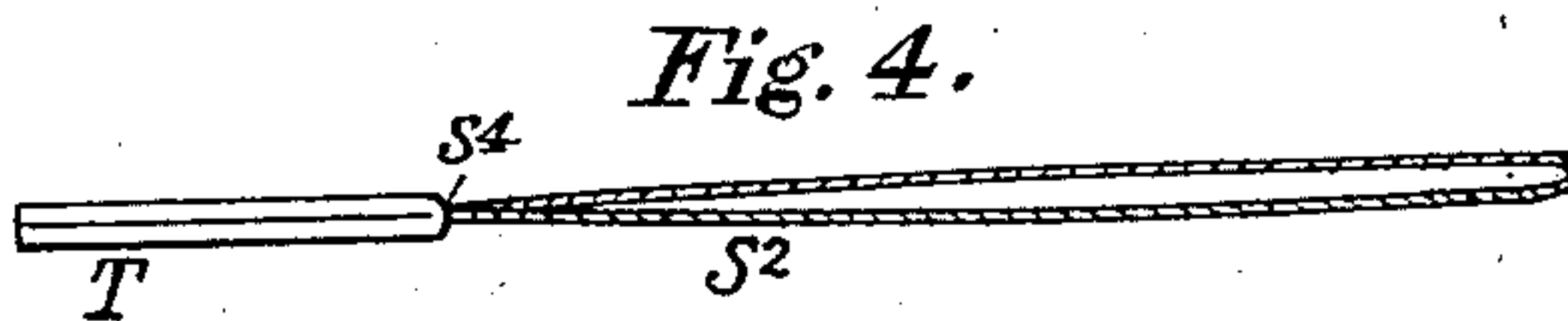


Fig. 4.



Fig. 5.

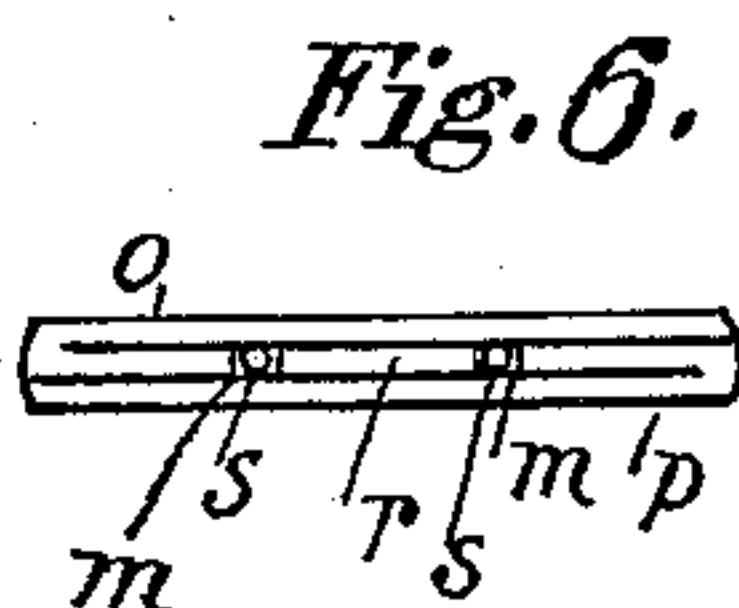


Fig. 6.

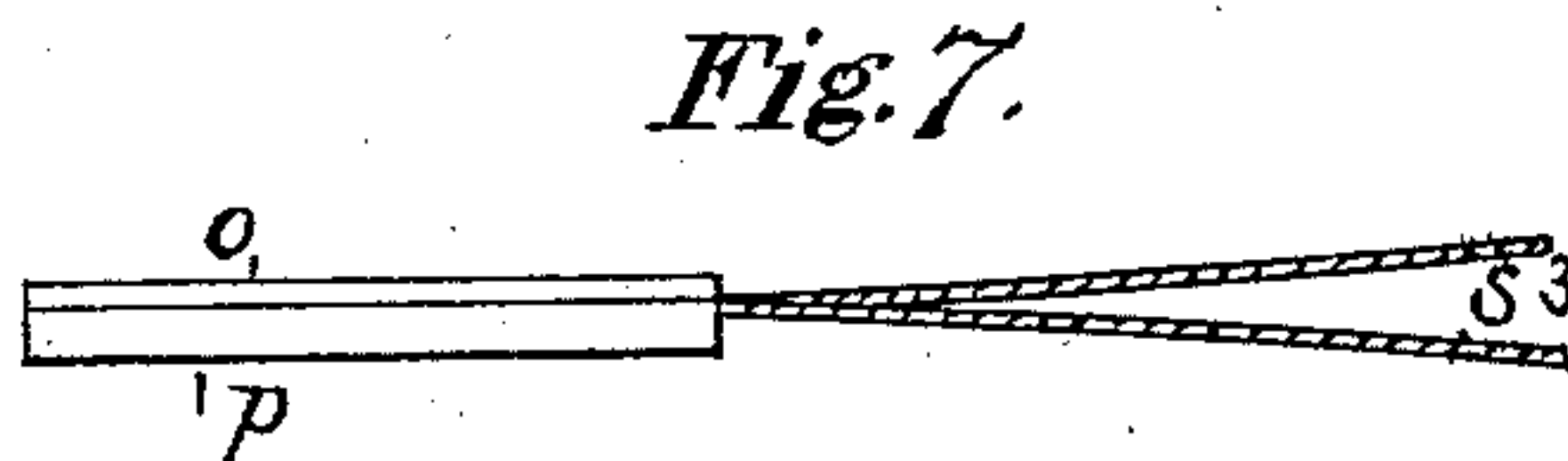


Fig. 7.

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UNITED STATES PATENT OFFICE.

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TAG.

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To all whom it may concern:

Be it known that I, CHARLES C. BLAKE, residing at Brookline, in the county of Norfolk and State of Massachusetts, have invented certain Improvements in Tags, of which the following is a specification.

The present invention relates to tags to be attached by a cord to various articles, and upon which various kinds of information may be marked for the information of salesmen and others. Commonly such tags are made from a piece of cardboard with a hole in one edge through which a loop of thread or string is fastened by hand; such tags are objectionable as the loops become unloosened and tangled up, and at the same time the cost is excessive.

My invention consists essentially of a tag composed of a body part made from any suitable material of a plurality of thicknesses laid or folded in such a manner as to provide an internal longitudinal channel or channels with a thread or string partly in the same and partly extending outward from the body part in the form of a loop or with separated ends. The body part may be made from one width of ribbon of the material or of a plurality of ribbons or fillets laid upon one another, in any event providing one or more channels in which the thread or string can be placed and secured. I have described the body portion of the tag in particular as made from a single width of ribbon, with an internal longitudinal channel, and have briefly referred to other forms of construction.

I produce a tag of my invention made from a ribbon of suitable material by drawing through a forming tool upon a table by means of which its edges are turned inward toward the center leaving a slight groove or space between their proximate edges; the folded ribbon is then drawn under the needle of a sewing machine which is caused to pass therethrough in the said space carrying a thread or string below the ribbon where a hook seizes the thread and draws it downward, thus forming a loop, and as the folded ribbon moves along the table successive loops are thus drawn down as the needle penetrates the ribbon, while the thread between the loops is laid in the said space or groove. As the folded ribbon moves along it passes under the spout of a tank of glue or other liquid adhesive substance, from which a sufficient quantity enters the space

between the edges of the ribbon, and under the same, to secure them and the thread together. The ribbon is then cut at points between the loops and the ends of the blanks thus made are folded over and glued together, thus providing a tag with four thicknesses having smooth sides and a loop projecting from the edge at the center of its fold; the sides are smooth, because the thread is inclosed in the groove or space.

Of the drawings which illustrate the invention—Figure 1 is a side view of a tag embodying my invention. Figs. 2 and 3 are side and end views to illustrate the mode of making the tag. Fig. 4 is an edge view of a completed tag. Fig. 5 is a sectional view of a completed tag with the string loop cut. Figs. 6 and 7 are end and side views of a modification.

The body of the tag T is made from a ribbon of any suitable material, as tough paper or glazed cloth, which may be in a roll from which it is unwound and drawn through a forming tool which turns the edges of the ribbon inward, but not to touch each other, leaving a narrow channel *m* in the center, and the turned over edges are glued. The ribbon thus formed is passed under a sewing machine needle and long stitches are made and the thread or string carried by the needle is drawn down through the groove to form loops *s*²; the ribbon is then cut transversely between the loops, leaving each cut-off portion as shown in Figs. 2 and 3, with the loop *s*² projecting from one side of the blank and centrally thereof, while the ends of the string remain cemented in the groove or channel *m*. The blank is then folded on the dotted line *w* and the two sides or wings are glued or cemented to each other, thus forming a complete tag, of which Fig. 1 is a front and Fig. 4 an edge view, composed of four thicknesses of material, inclosing the ends of the string, the bight of which extends through the material and forms the loop *s*², by means of which the tag may be attached to any article. The loop may be cut to leave loose ends, as in Figs. 5 and 7, if desired. It will be seen that any strain applied to the loop *s*² will be in the direction of the inclosed strings *s s*, and as the thread or string is laid in the groove *m* the faces of the tag from side to side are smooth and even, as the material will be no thicker than the diameter of the string.

In the modification shown in Figs. 6 and 7, the body of the tag T is made from two simi-

lar ribbons, *o*, *p*, one side of which is folded over toward the center, but not to the axial line, and the two pieces are laid upon each other, reversely, with the folded sides inward, and a narrow strip *r* is pasted central thereof, so as to leave two channels, *m*, *m*, in which the thread or cord *s* lies, the ends of which extend beyond the body part as *s*³, *s*³, which may be in the form of a loop or of separate ends.

I claim as my invention:—

1. A tag made from a ribbon of suitable material, having its edges folded over toward the center and its ends folded together, with a thread or string central of the folded edges and a loop thereof extending through the ribbon.

2. A tag made from a ribbon of suitable material, having its edges folded over toward the center and its ends folded together, with a thread or string between the folded edges, and a loop thereof extending through the ribbon.

3. A tag made from a ribbon of suitable material, having its edges folded over toward the center, leaving a space or groove between their proximate edges, and its ends folded together, a thread or string in the space or groove, and a loop thereof extending through the ribbon at the edge of the folded ends.

4. A tag made from a ribbon of suitable material, having its edges folded over toward the center, and its ends folded together, with a thread or string central of the folded edges and a loop thereof extending through the ribbon whereby the strain upon the loop is in the direction of the inclosed ends of the thread or string.

5. A tag made from suitable material,

folded in two directions to make four thicknesses, with a thread or string extending through the central part of the first folds and the edge of the second fold, whose ends are inclosed in the folds.

6. A tag made from a ribbon of suitable material, folded in two directions to make four thicknesses, with a thread or string extending through the center part of the first folds and the edge of the second fold, whose ends are inclosed in the folds, the folds and the thread or string attached to each other by adhesive material.

7. A tag composed of layers of suitable material with an internal channel between the layers, with an attaching member consisting of a thread or string having a portion of its length laid in and cemented in said channel, the remainder of the string extending beyond the tag, the diameter of the string being no greater than the depth of the channel, whereby the outer surfaces of the tag are smooth and even.

8. A tag composed of layers of suitable material each having one edge folded inward toward their centers to form a channel between the folds, with an attaching member consisting of a thread or string having its ends laid in said channel and cemented therein and its looped portion extending beyond the tag.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses, this seventh day of March 1908.

CHARLES C. BLAKE.

Witnesses:

MARK E. FERNALD,
EDWARD S. AGO.