

No. 785,837.

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W. B. SMITH.
NECKTIE FASTENER.
APPLICATION FILED JULY 21, 1904.

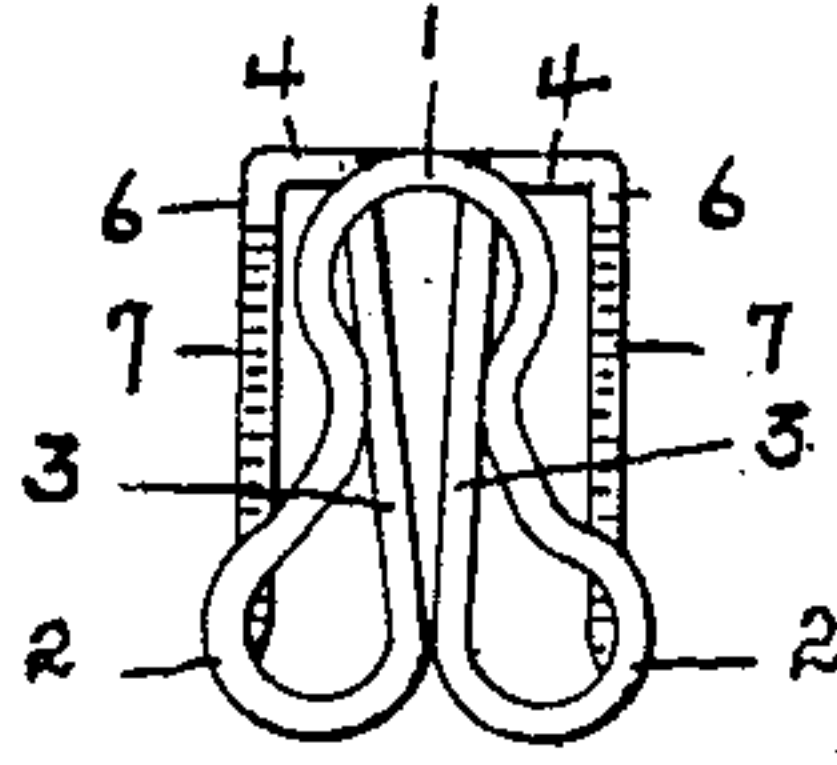


FIG. 1

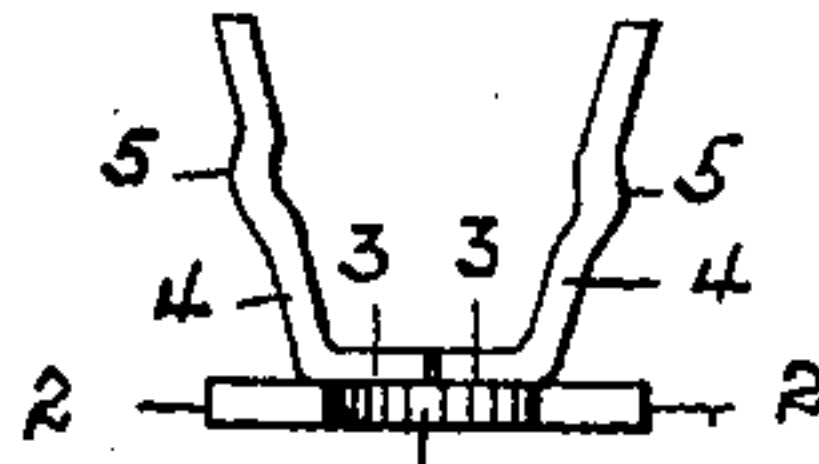


FIG. 2

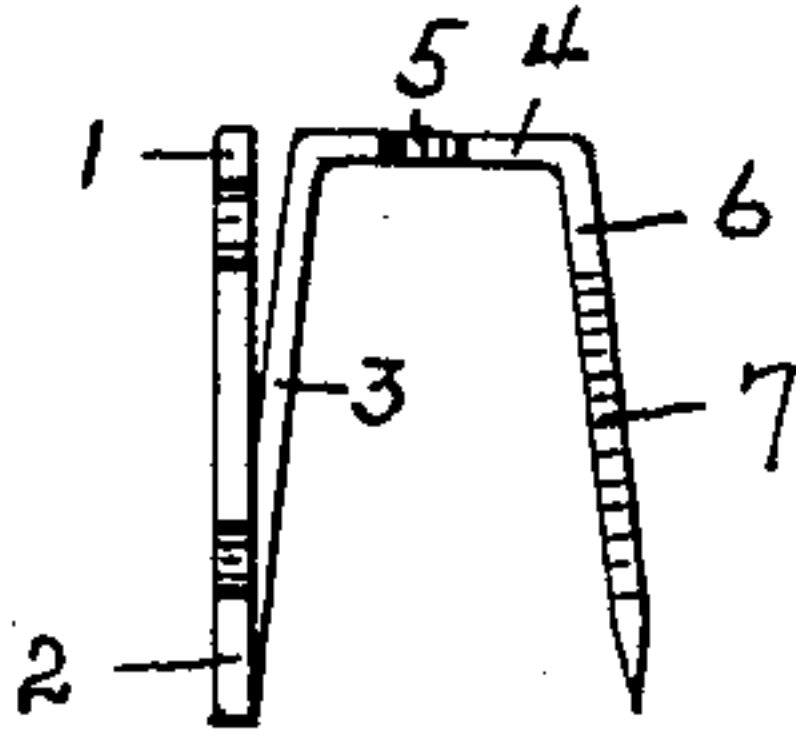


FIG. 3

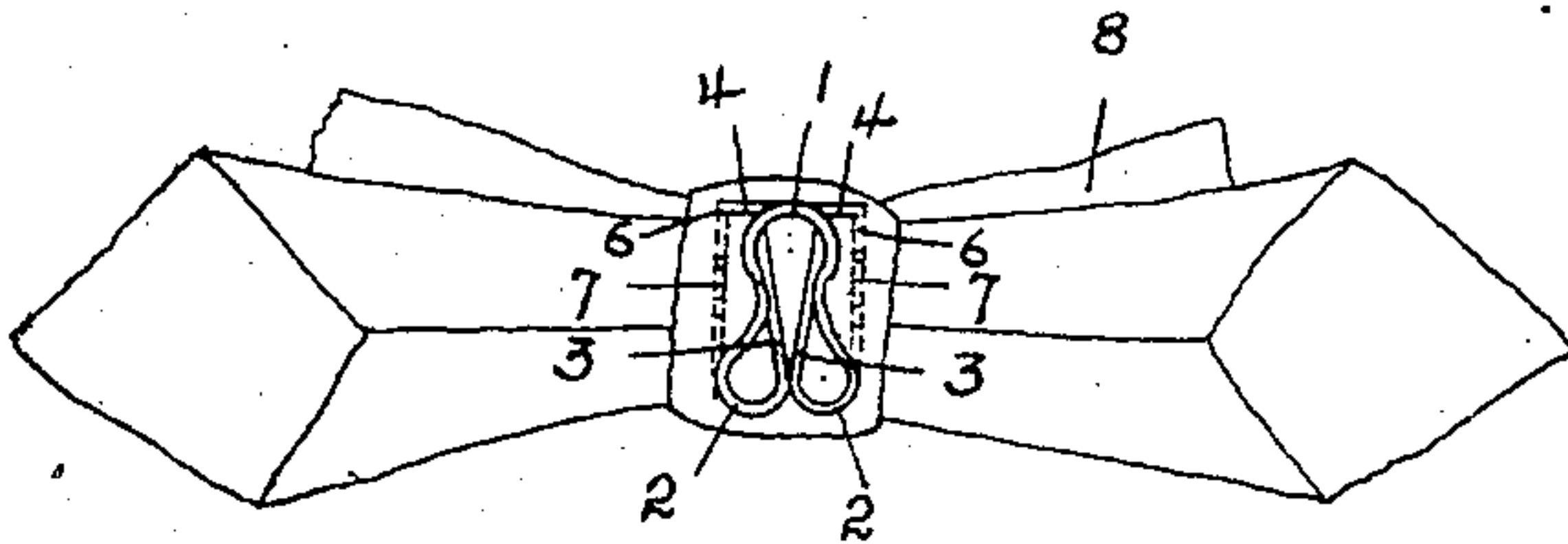


FIG. 4

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NECKTIE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 785,837, dated March 28, 1905.

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To all whom it may concern:

Be it known that I, WILLIAM B. SMITH, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Necktie-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in necktie-fasteners, its object being to provide an improved substitute for the back plate and loop now in common use upon made-up ties, the idea being to so construct the fastener that it may be removably attached to and retained within the material of the tie without the aid of thread or other permanent fastening means.

To that end my invention consists of a novel construction and arrangement of parts, all of which will be fully hereinafter described and claimed.

In the drawings, Figure 1 is a front elevation of my improved fastener. Fig. 2 is a top plan view of Fig. 1. Fig. 3 is a side elevation of the same, and Fig. 4 illustrates the application of my improved fastener to a necktie.

Referring to the drawings, it will be seen that I preferably construct my improved fastener of one piece of spring-wire, the elemental parts being arranged as follows:

1 is the upper loop, which encircles the shank of the collar-button when in removable engagement therewith. The lower ends of such loops branch outwardly to form the two side steadying-loops 2 2 in spring contact with each other, as shown in Fig. 1.

3 3 are upwardly-extending arms between which the shank of the collar-button travels to its position in the upper loop 1. These arms 3 3 diverge slightly, as shown.

4 4 are arms extending at right angles from the upper ends of arms 3 3, in which are the small bends 5 5. These arms 4 4 diverge

slightly, as shown in Fig. 2, and from their outer ends extend the downwardly-projecting penetrating prongs 6 6, having their surfaces threaded or roughened, as at 7 7, the prongs being substantially parallel to the plane of the loops.

The tie or bow 8 (shown in Fig. 4) is made without the usual back plate and loop, and in their place are substituted my improved fastener just described. This is placed in position by simply inserting the penetrating prongs 6 6 into the material of the tie at the back and forcing the same down through the material until the arms 4 4 are in contact therewith, as shown in Fig. 4. The threaded or roughened prongs will retain their hold in the material sufficiently for all practical purposes; but, if desired, attaching-threads may be employed, which pass around the arms 4 4 at the retaining bands 5 5.

It will be seen that with my improved fastener a tie may be finished with considerably less material and in less time, thereby reducing the cost and at the same time producing a tie provided with a fastener of much less bulk than the present form and one which can be adjusted much more quickly and easily.

I claim—

A necktie-fastener consisting of an upper loop open at its lower end and adapted for the upward insertion of the shank of the collar-button, side steadying-loops in spring contact with each other, arms extending upwardly from the side steadying-loops and between which the shank of the collar-button travels to its position in the upper loop, and penetrating prongs substantially parallel to the plane of the loops, such prongs being adapted for downward holding insertion within the material of the tie, as and for the purpose stated.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM B. SMITH.

Witnesses:

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W. T. MILLER.