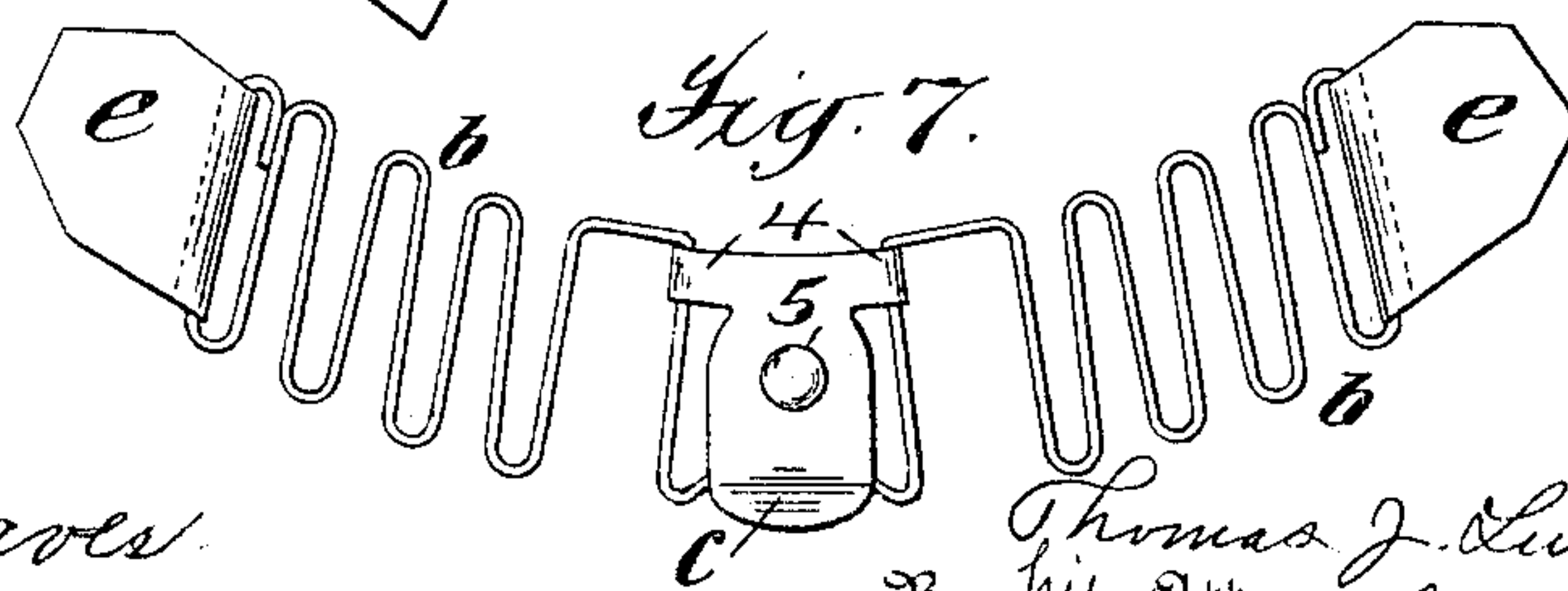
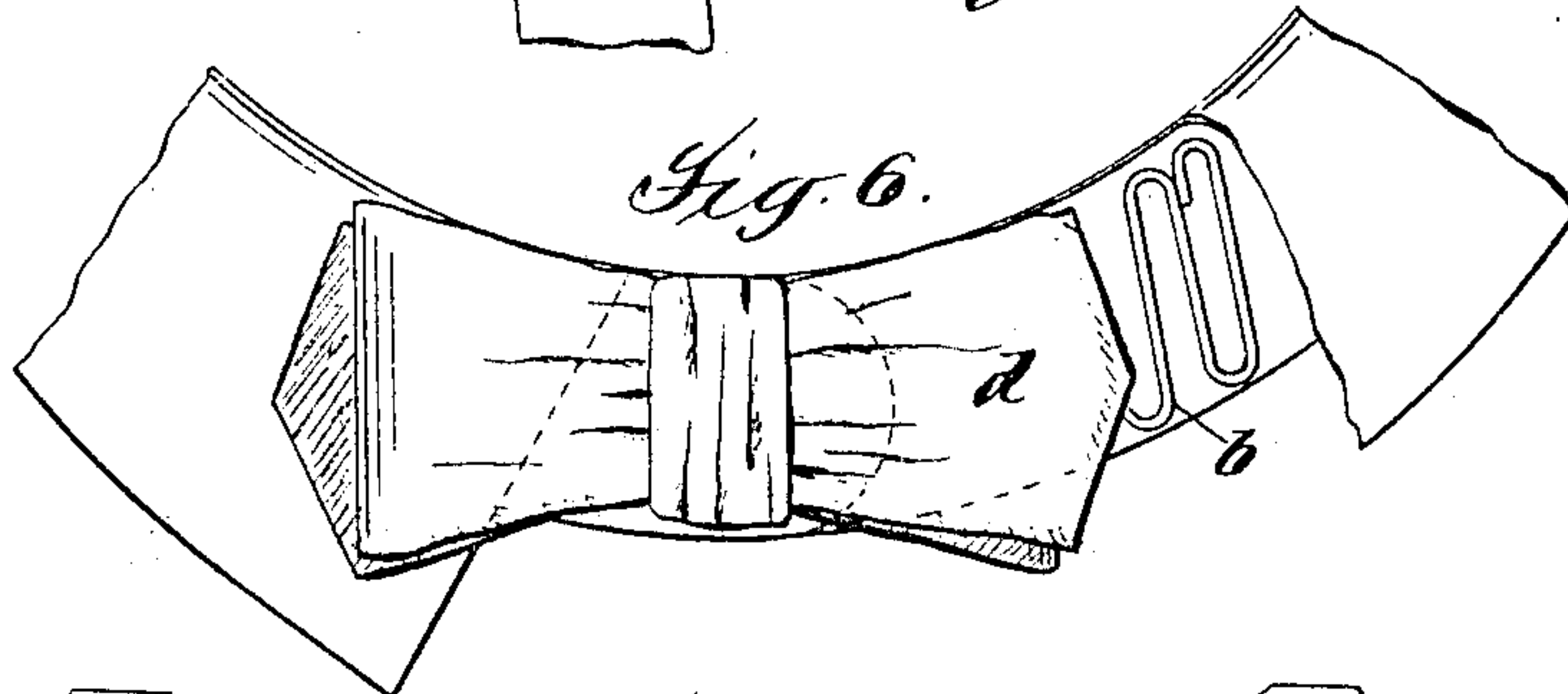
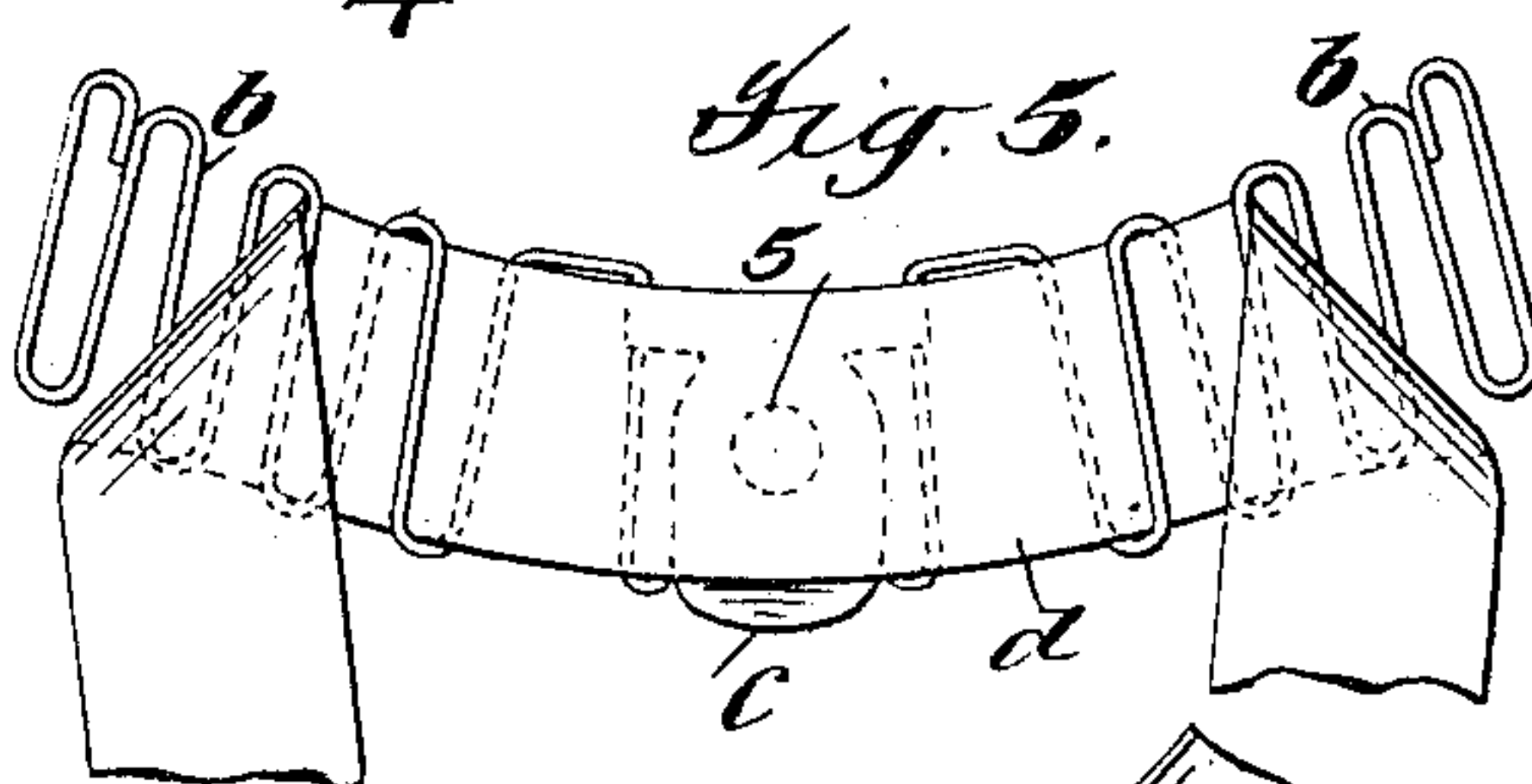
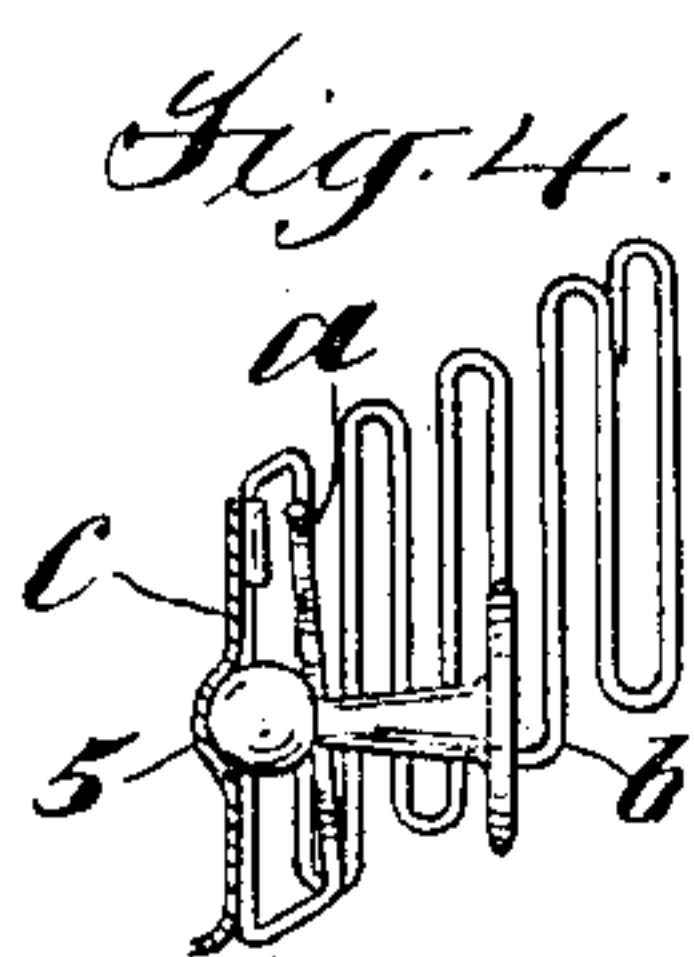
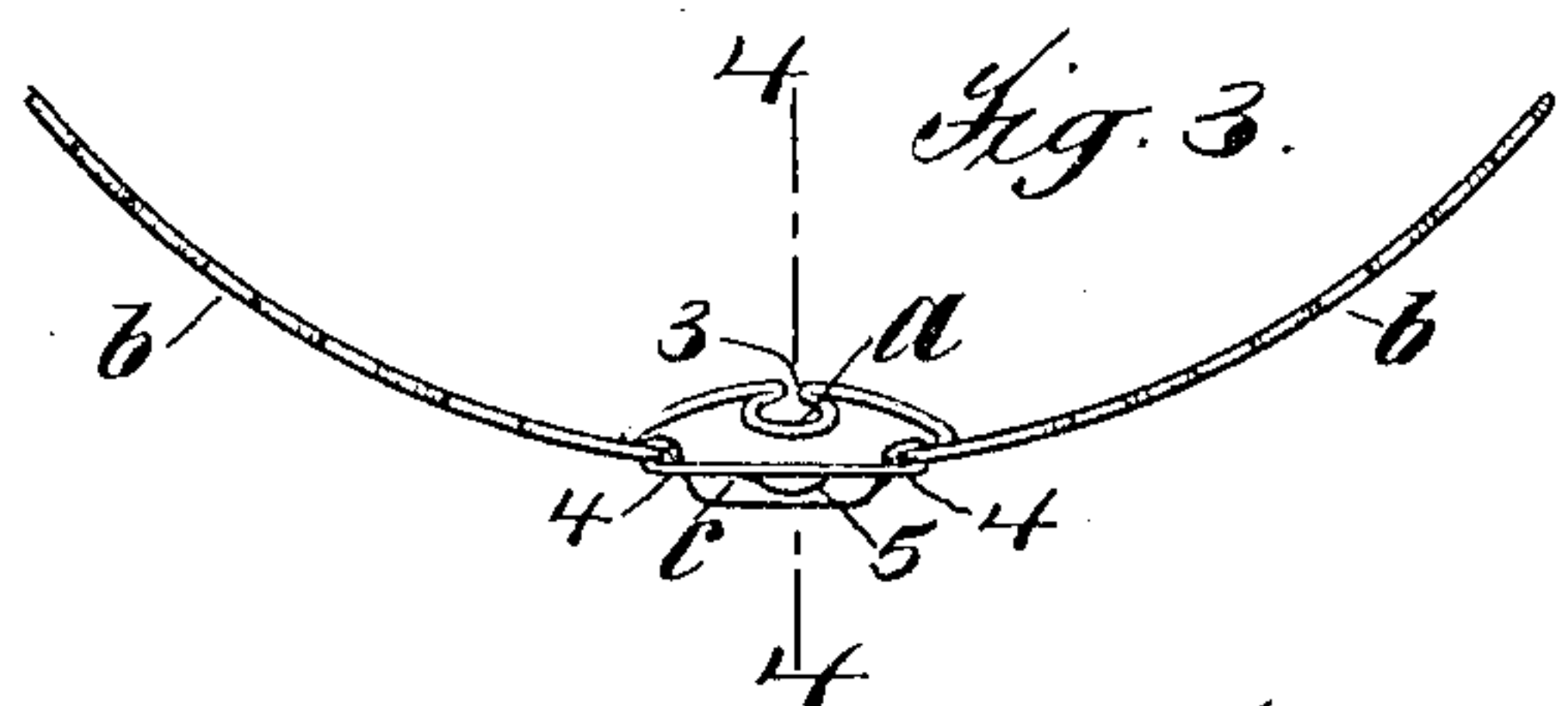
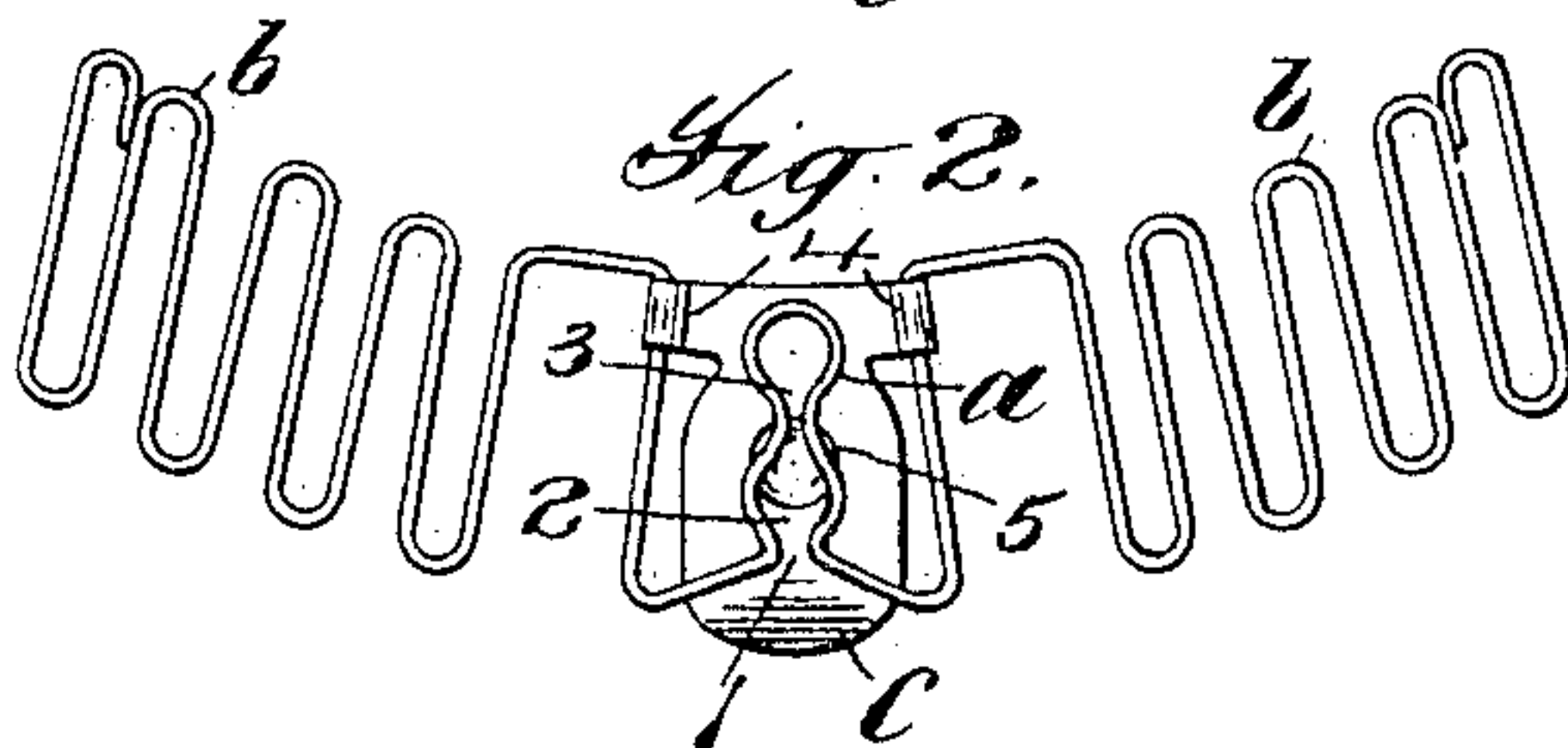
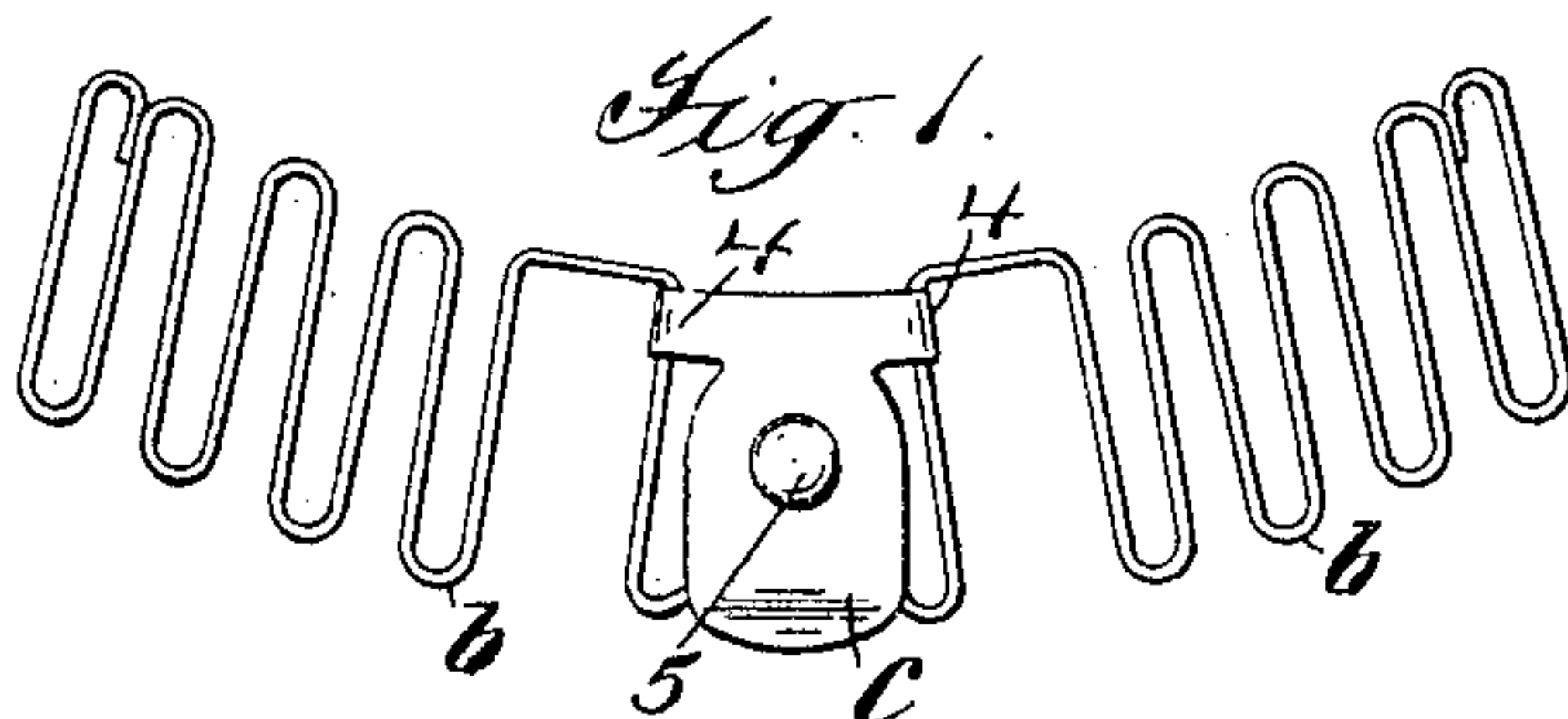


No. 818,972.

PATENTED APR. 24, 1906.

T. J. LUMIS.  
NECKTIE FRAME.

APPLICATION FILED AUG. 12, 1905.



Witnesses  
*J. H. Graves*  
*A. White*

Inventor  
*Thomas J. Lumis*  
By his Attorneys-  
*Philip James Rice Kennedy*



# UNITED STATES PATENT OFFICE.

THOMAS J. LUMIS, OF NEW YORK, N. Y.

## NECKTIE-FRAME.

No. 818,972.

Specification of Letters Patent.

Patented April 24, 1906.

Application filed August 12, 1905. Serial No. 273,855.

*To all whom it may concern:*

Be it known that I, THOMAS J. LUMIS, a citizen of the United States, residing at New York city, county of Kings, and State of New York, have invented certain new and useful Improvements in Necktie-Frames, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention relates to an improved frame or shield for neckties, the especial objects of the invention being to provide a simple and efficient means for attachment to a collar-button, and an improved construction by which a tie may readily be secured to and removed from the frame and a made-up tie of the desired form be readily made and efficiently held in position on the collar.

For a full understanding of the invention a detailed description of constructions embodying the invention in preferred forms will now be given in connection with the accompanying drawings, forming a part of this specification, and the features forming the invention then particularly pointed out in the claims.

In the drawings, Figure 1 is a side view of the frame or shield. Fig. 2 is a rear view of the same. Fig. 3 is an edge view. Fig. 4 is a central cross-section on the line 4 of Fig. 3. Fig. 5 shows the frame with a string-tie in position for tying to form a bow-tie. Fig. 6 shows the complete tie and holder on a collar with the collar partly broken away to show the frame or shield. Fig. 7 is a view similar to Fig. 1 showing a modification.

Referring to the drawings, the frame in the form shown is formed from a single piece of wire which is bent to form a central keeper *a* for attachment to the collar-button, and side arms *b*, each arm consisting of a series of loops which give elasticity to the frame and through which the tie may readily be woven, as shown in Fig. 5, and will then be held in proper position with certainty.

The central keeper *a* is formed with a broad V shape at the bottom, terminating in a narrow opening 1, through which the shank of the collar-button will pass into the larger shank-opening 2 when the keeper is pressed down over the collar-button, and the keeper and frame will then be held in position with the button in the opening 2 between the narrow opening 1 and the similar narrow opening 3, formed by bending the wire, the resili-

ency of the keeper being such as to permit the arms of the keeper to spring apart as the keeper is pressed down over the collar-button.

A guard *c*, of spring metal, is preferably used in front of the keeper *a*, this guard being shown as held in position by arms 4, looped about the vertical wires of the holder on opposite sides of the keeper. This guard is provided with a depression 5, forming a seat for the button-head, so that the holder is held in position on the button-head by the guard *c*, pressing the head against the keeper *a*. The guard will preferably be made with sufficient spring so as to accommodate and hold in position button-heads of different thicknesses.

The tie, which may be either for a bow or four-in-hand or any other suitable form of tie, is woven through the loops of the frame on opposite sides of the keeper, as shown in connection with a string or bow-knot tie *d* in Fig. 5, the tie preferably being passed through only two or three of the inner loops of the frame, as shown, and then tied into the knot desired, thus making on the frame a made-up tie.

In attaching the tie to the collar the ends of the frame are passed under the collar with the keeper *a* above the collar-button, and the keeper is then pressed down to force it over the button-shank until the button is in position in the opening 2, with its head resting in the seat 5, as shown in Fig. 4, when the tie will be held securely in position.

In some cases it may be desirable to provide tabs on the end loops of the frame, and in Fig. 7 I have shown such a construction in which tabs *e*, which may be of leather or other suitable material, are used to cover the end loops of the frame.

It will be understood that the invention is not to be limited to the exact form or construction of the frame shown, but that modifications may be made therein while retaining the features of the invention as defined by the claims.

What I claim is—

1. A necktie-frame having a central keeper and a series of tie-holding wire loops on each side of the keeper.

2. A necktie-frame made of wire bent to form a central keeper and a series of tie-holding loops on each side of the keeper.

3. A necktie-frame having a central keeper

and a series of tie-holding wire loops on each side of the keeper, in combination with a guard carried by the frame and providing space between it and the keeper for a button-  
5 head.

4. A necktie-frame having a central keeper and a series of tie-holding wire loops on each side of the keeper, in combination with a plate carried by the frame and adapted to  
10 hold a button-head by pressure between it and the keeper.

5. A necktie-frame having a central keeper and a series of tie-holding wire loops on each side of the keeper, in combination with a  
15 guard carried by the frame having a depression to receive the head of a button between the guard and keeper.

6. A necktie-frame having the side arms formed by a series of tie-holding wire loops  
20 *b*, and the central keeper of wire bent to form

the button-opening 2 with narrow entrance-opening 1.

7. A necktie-frame having the side arms formed by wire loops *b*, and the central keeper of wire bent to form the button-open- 25  
ing 2 with narrow entrance-opening 1 in combination with the guard *c* having the depression 5.

8. The keeper formed of wire with the button-opening 2 and narrow entrance-opening 30  
1, in combination with the guard *c* formed of a spring-plate carried by arms 4 on the side arms of the keeper.

In testimony whereof I have hereunto set my hand in the presence of two subscribing 35  
witnesses.

THOMAS J. LUMIS.

Witnesses:

GEORGE H. LUMIS,

CHARLES S. NORTHROP.