

No. 824,257.

PATENTED JUNE 26, 1906.

A. H. MICHAELIS.

HOOK AND EYE.

APPLICATION FILED DEC. 15, 1905.

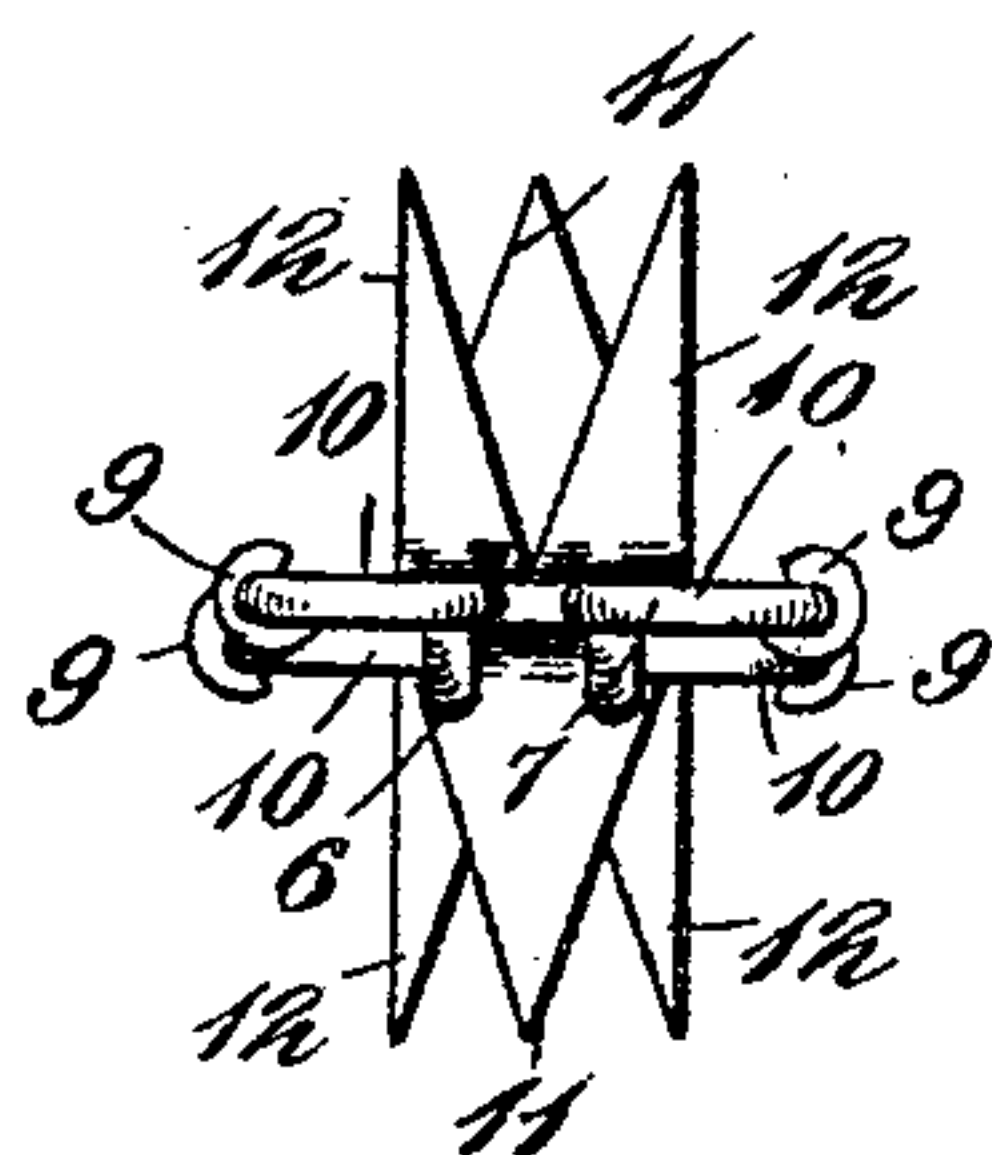
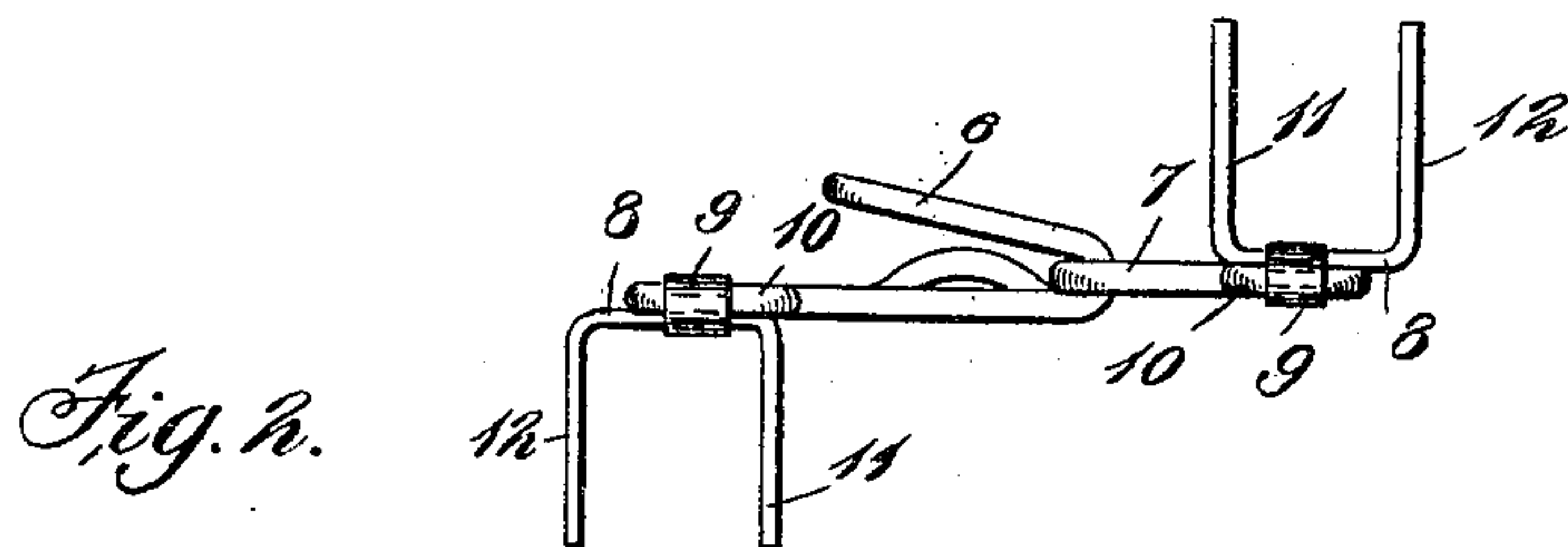
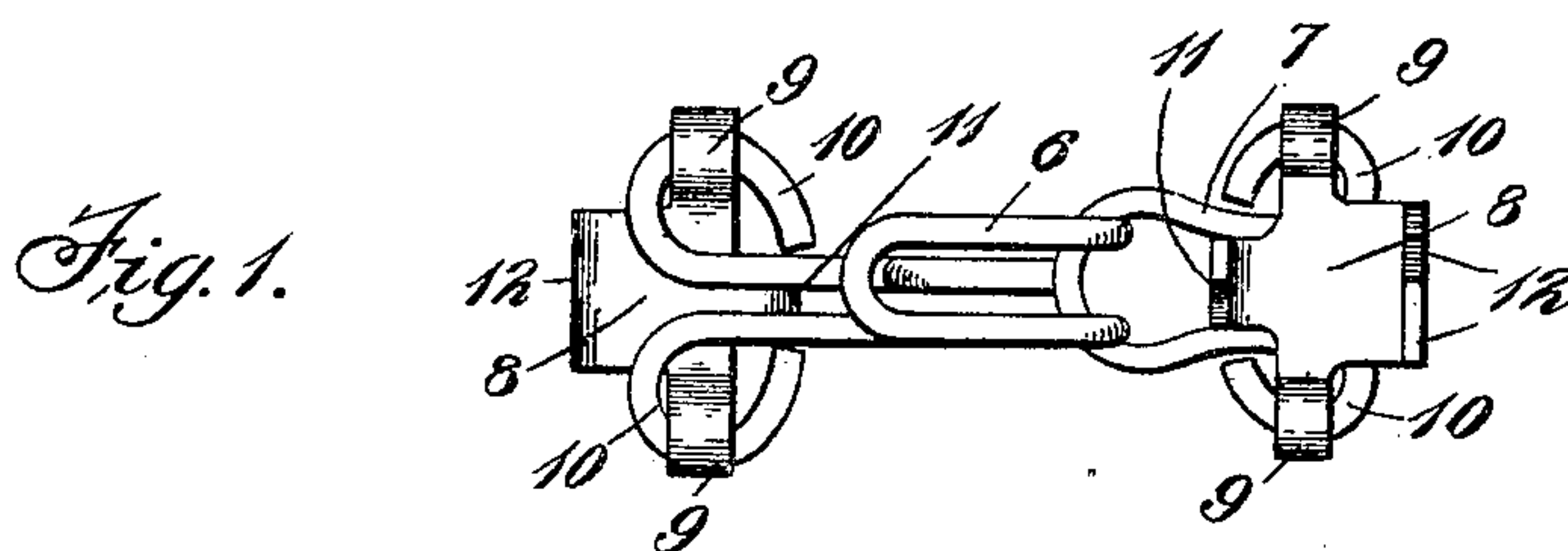


Fig. 3.

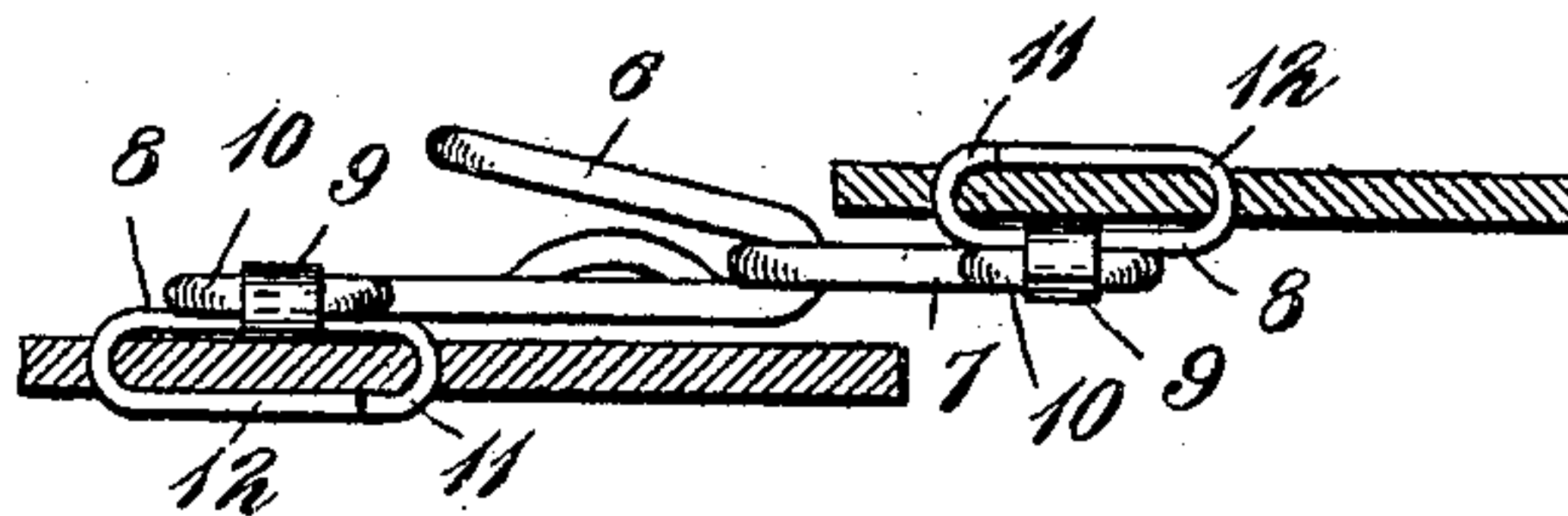


Fig. 4.

Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT HENRY MICHAELIS, OF FREEPORT, ILLINOIS.

HOOK AND EYE.

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Specification of Letters Patent.

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Application filed December 15, 1905. Serial No. 291,886.

To all whom it may concern:

Be it known that I, ALBERT HENRY MICHAELIS, a citizen of the United States, residing at Freeport, in the county of Stephenson and State of Illinois, have invented new and useful Improvements in Hooks and Eyes, of which the following is a specification.

This invention relates particularly to means for fastening hooks and eyes to the cloth or other material on which they are to be used, the object being to make a better and stronger fastening than by the ordinary sewed threads and also a fastening which can be very quickly applied to secure the hook or eye in place. A metal plate or piece is used having means to engage the hook or eye and also having projecting prongs which are adapted to be inserted through the cloth and clenched on the other side.

An embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of a hook and eye with the invention applied thereto. Fig. 2 is a side view. Fig. 3 is an end view. Fig. 4 is a sectional view showing the invention applied to a piece of cloth.

Referring specifically to the drawings, 6 indicates a hook, and 7 an eye. These may be of any desired construction, and the invention is expressly not limited to the construction of hook and eye shown or to any other particular hook and eye. The fasteners for both the hook and the eye are similar, and a description of one will answer for both.

Each fastener consists of a plate or piece of metal 8, having at its side edges tongues 9, which extend upwardly through the loops at the rear of the hook or eye and are then bent down over the wire forming said loops, thereby gripping the eye and securely fastening the same to the plate. At its front end the plate has a downwardly-projecting prong 11, and at its rear end it has a pair of such prongs 12. The plate and prongs are stamped out of thin sheet metal and are up-

set and shaped to the form shown and described. The fasteners are preferably made at the same time as the hooks and eyes, which are then provided therewith when the devices are supplied to the trade, the prongs being in erect position ready to be applied to the cloth.

In use the hook or eye is placed in position, and the prongs are forced through the cloth and are then upset or clenched on the under side by the use of a pair of pincers or other convenient tool or it may even be done by hand. This is all that it is necessary to do to fasten the hook and eye to the goods, and consequently it may be done very rapidly. The fastening provided is much more secure and stronger than the ordinary thread fastening and is advantageous for that reason, as well as for the various others mentioned.

Modifications in the shape of the fastener may be made to apply the same to different forms of hooks and eyes, the essential feature being a metallic fastener which is secured to the hook or eye and which has prongs which may be clenched in the cloth.

I claim—

1. The combination with a hook-and-eye member having a pair of loops at the rear end thereof, of a sheet-metal piece thereunder having tongues at opposite sides bent over the loops of said members, and also having depending prongs.

2. The combination with a hook-and-eye member having loops at the rear end thereof, of a sheet-metal piece thereunder having tongues extending up through the loops and bent over the same, to attach said piece to the member, and also having depending prongs.

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

ALBERT HENRY MICHAELIS.

Witnesses:

EDGAR MICHAELIS,

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