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MEANS FOR ATTACHING TOGETHER PARTS OF TOYS AND THE LIKE

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Fig. 1.

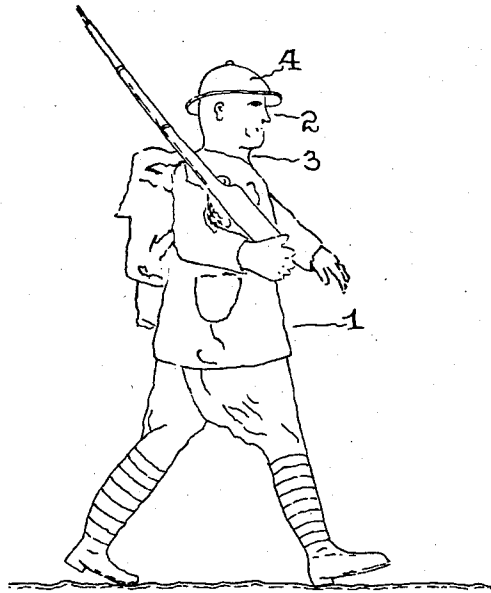
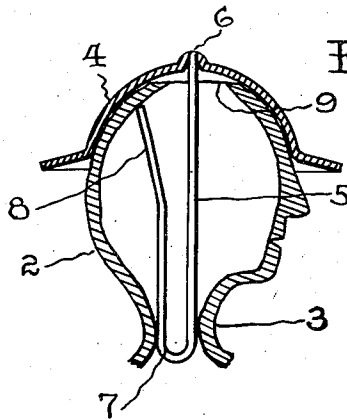


Fig. 2.



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MEANS FOR ATTACHING TOGETHER PARTS
OF TOYS AND THE LIKE

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3 Claims. (Cl. 46—115)

My invention relates to improved means for attaching together separable members, and is particularly adapted to use for permanently securing together parts of toys and the like.

5 In the manufacture of cast metal figure toys, comprising a body section and a helmet or hat, the two members may not be conveniently cast in one piece and the helmet or hat may be spun or produced from sheet metal. It is desirable to firmly and securely attach the helmet or hat to the head of the toy. I provide, by my invention a simple, convenient and useful means for attaching together the said parts or members. I do not, however, intend to limit my invention to this particular use as, it is obvious that it is adapted to use advantageously in many other structures and devices.

10 A further object of my invention is to provide means whereby members or parts of a toy or the like may be secured together and detachment prevented.

15 A preferred embodiment of my invention is illustrated in the accompanying drawing, in which

20 Figure 1 is a view of a toy soldier having a helmet secured on the head by my improved attaching means, and

Figure 2 is a vertical section of the device.

25 Similar characters of reference refer to like parts throughout the several views.

30 In the drawing, a cast metal figure toy 1, is provided with an integral hollow head 2 and a hollow neck portion 3. The top of the head 2 is provided with an opening 9 as is usual in the casting of hollow metal devices.

35 A helmet or hat 4, which may be of spun metal, is mounted on the head 2 and is secured thereto by means of a spring clip 5, which comprises a bent wire riveted or otherwise anchored at one end to the underside of the said helmet or hat 4, and having a loop portion 7 which rests in the hollow neck 3 of the toy. The free end 8 of the wire loop is bent over and, when the device is assembled, engages the inner wall of the hollow head 2.

40 The body portion and head of the toy being cast in the usual manner, the helmet or hat 6, provided with its depending wire clip 5 is placed upon the head 2 with the clip 5 inserted in the said head portion and with its loop portion 7

seated in the hollow neck 3. As the loop 7 is pressed down to seated position, the free end of the clip 5 will be retracted to permit the clip to enter the opening 9 in the head and will then spring out and engage the inner wall of the head 2 and prevent the withdrawal of the clip 5 from the head, whereby the helmet or hat 5 will be permanently and securely attached to the head and may not be removed therefrom. The hair-pin loop portion 7 of the clip 5, which is engaged by the neck 3 in which it is seated, will prevent the swinging of the loop or clip and the tension of the wire spring clip will draw the helmet or hat firmly against the head, which may be shaped to fit the said helmet, whereby it may not be displaced.

Having thus described my invention, what I claim is:

1. A toy comprising a hollow head and neck portion and a helmet on the said head, a wire clip anchored to said helmet and having a loop portion seated in and engaged at its lower end section by the said neck and having a free end engaging the inner wall of the head.

2. In a figure toy the combination of a hollow head thereon having an aperture in its crown, and a contracted neck portion below the said head, a hat on said head and covering the said aperture thereof, a wire clip anchored at one end to the said hat and having a loop section extending freely through the said aperture in the head into the said contracted neck portion of the toy and resting at its lower end section against and engaged between opposite portions of the side wall thereof and having a free end engaging the inner wall of the said hollow head whereby the said hat is permanently secured on the said head.

3. The combination of a figure toy having a hollow head and a neck portion below the head, a hat shaped to the said head, and means for attaching the said hat to the head, said means comprising a wire anchored at one end to the said hat and having a free end engaging the inner wall of the said head and having a loop section intermediate its ends extending into the neck portion of the toy and having its lower end portion engaged between the walls thereof whereby the said loop is prevented from swinging.

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