May 1, 1923. 1,453,790

J. B. GLOWACKI

CRUTCH ARMREST

Filed July 3, 1920

Fig. 1

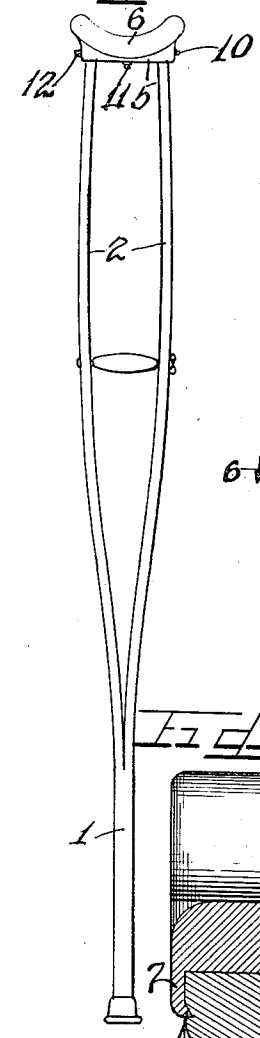


Fig. 7

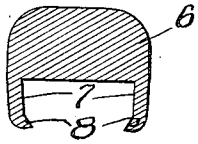


Fig. 2

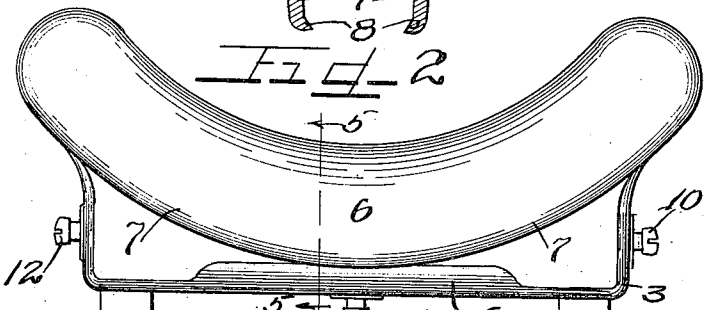


Fig. 3

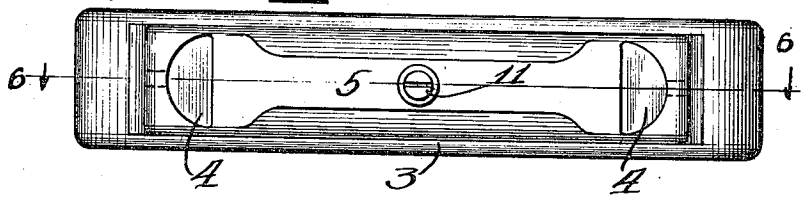


Fig. 6

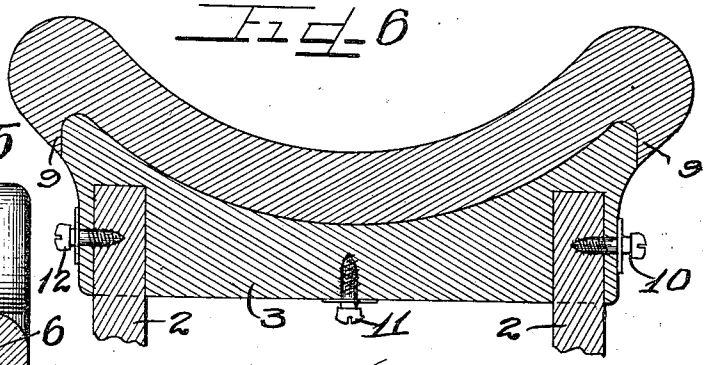


Fig. 5

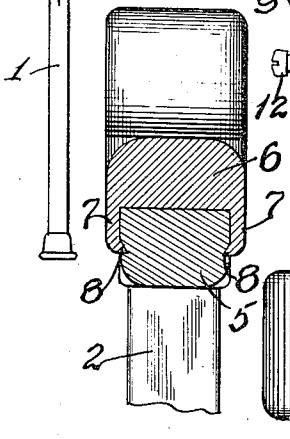
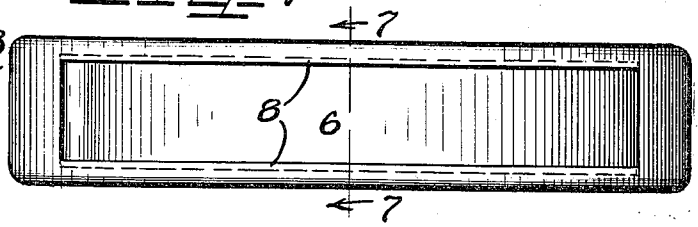


Fig. 4



Witnesses

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Inventor

John B. Glowacki

by Charles Wills Atty.

Patented May 1, 1923. 1,453,790

UNITED STATES PATENT OFFICE.

JOHN B. GLOWACKI, OF CHICAGO, ILLINOIS.

CRUTCH ARMREST.

Application filed July 3, 1920. Serial No. 393,792.

To all whom it may concern:

Be it known that I, JOHN B. GLOWACKI, a citizen of the Republic of Poland, having declared my intention of becoming a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Crutch Armrests; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the numerals of reference marked thereon, which form a part of this specification.

This invention relates to an improved crutch arm rest, and particularly to a type of crutch arm rest which is constructed of light and durable material and which has a resilient cushion of soft spongy rubber or other suitable material removably secured thereon.

In crutches of the ordinary type constructed heretofore, but little effort has been made to cushion the arm rest. Such cushioning means as were provided usually comprised a quilted or wrapped pad that was both cumbersome and unsanitary. It has also been customary to construct the arm rest frame from wood which is difficult to keep clean and which if made strong enough to comply with the requirements of durability adds considerably to the weight of the crutch.

The principal object of this invention therefore is to provide an improved crutch arm rest constructed of light and durable material and provided with a cushion of resilient material.

Another important object of this invention is to provide a crutch arm rest, having a resilient cushion removably secured thereon, and having means secured thereon whereby a cover may be removably secured over said cushion.

Other and further objects of this invention will be apparent from the disclosures in the specification and the accompanying drawings.

The invention (in a preferred form) is shown on the drawings and hereinafter more fully described.

On the drawings:

Figure 1 is a view in elevation of a crutch provided with the improved arm rest of this invention.

Figure 2 is an enlarged elevation of the arm rest.

Figure 3 is a bottom plan view of the same.

Figure 4 is a bottom plan view of the arm rest cushion.

Figure 5 is a section on the line 5—5 of Figure 2.

Figure 6 is a section on the line 6—6 of Figure 3.

Figure 7 is a section on the line 7—7 of Figure 4.

As shown on the drawings:

The improved arm rest of this invention is shown in Fig. 1, supported on the upper end of the forked supporting members 2 of a crutch 1, and said arm rest comprises a frame or body portion 3 which is ordinarily constructed of aluminum, bakelite, vulcanite, or other suitable material, having recesses 4 formed therein of suitable shape to receive the ends of said forked members 2. To afford a light and strong construction said body member 3 is provided on its under side with a rounded extension 5, and the upper side of said body member is given a curved form to adapt it to fit snugly under the arm of the user.

The resilient cushion which is provided is adapted to be removably engaged over said body portion 3 and comprises a pad 6 of resilient soft rubber or other suitable cushion material, which is adapted to conform to the general contour of the upper side of said body portion 3, and which is provided on its sides with downwardly extending portions 7, which have inwardly directed ridges 8 formed at the lower edges thereof, said ridges 8 being adapted to engage in grooves formed in the sides of said body portions 3 to secure the cushion 6 on said body portion. Said cushion 6 is also provided at its ends with downwardly extending portions 9 which are engaged over the ends of the body portion 3 as shown in Figure 6, and act together with the downward projections 7 and the inwardly directed ridges 8 to position the cushion on the body portion.

Means are provided whereby a cover of suitable material may be removably engaged over the cushion 6, to enable said cushion to be kept clean and to keep the arm of the user from coming in contact with the rubber cushion. Said means comprise screws

10, 11 and 12 which, as shown in Figs. 1, 2 and 6, are provided with heads adapted to engage snap fasteners mounted on a suitable cover whereby the same may be secured thereto. Screws 10 and 12 also extend through the body portion 3 into the forked members 2, and act to secure the ends of said forked members securely in position in the recesses 4 provided therefor.

It is thus apparent that this invention provides a crutch arm rest which is durable and sanitary, and which has a resilient cushion which makes the crutch much more comfortable to use, and which may be conveniently removed for cleaning or replacement. The improved arm rest may of course be used on crutches of existing types, and when so used overcomes many of the difficulties heretofore existing in crutch construction.

I am aware that numerous details of construction may be varied through a wide range without departing from the principles of the invention, and I therefore do not purpose limiting the patent granted otherwise than necessitated by the prior art.

I claim as my invention:

1. A crutch arm rest, comprising a body portion having grooves therein, a resilient cushion engaged over the body portion, and inwardly directed ridges on the cushion engaged in the grooves in the body portion.

2. A crutch arm rest comprising a body portion, a cushion thereon, and projecting fasteners securing said body portion to the remainder of the crutch, each of said fasteners having a head by which a cover may be detachably held in place over said cushion.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

JOHN B. GLOWACKI.

Witnesses:

CHARLES W. HILLS, Jr.,

CARLTON HILL.