

April 15, 1924.

1,490,381

I. C. GOBAR

ARM SLING

Filed Nov. 27, 1922

Fig. 1.

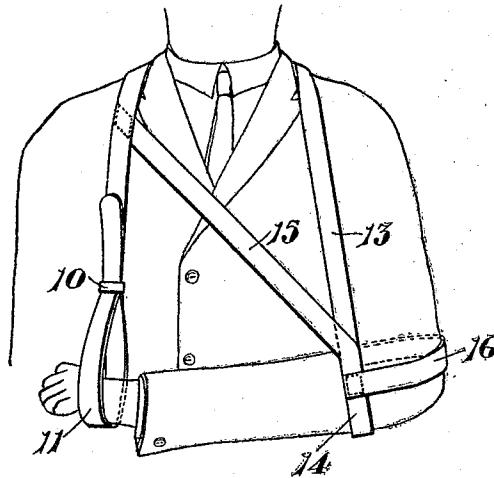
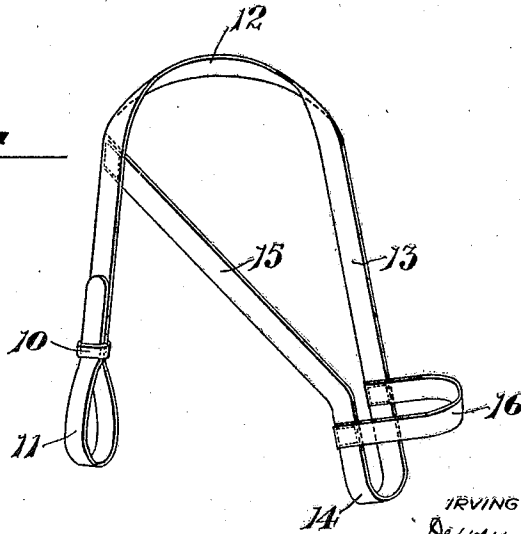


Fig. 2



INVENTOR.
IRVING C. GOBAR.
BY *Dewey, Stroup,
Innes and Loftis*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

IRVING C. GOBAR, OF SAN FRANCISCO, CALIFORNIA.

ARM SLING.

Application filed November 27, 1922. Serial No. 603,397.

To all whom it may concern:

Be it known that I, IRVING C. GOBAR, a citizen of the United States, residing at the city and county of San Francisco and State of California, have invented new and useful Improvements in Arm Slings, of which the following is a specification.

This invention relates to surgical appliances, and particularly pertains to an arm sling for supporting a person's arm at rest when fractured or in a diseased condition.

It is the principal object of the present invention to provide a generally improved arm sling of exceedingly simple construction, which, when applied to a wearer for carrying either arm, will support the weight of the arm from two points, thus placing it in balance and holding it in a natural and uncramped manner.

This invention contemplates the use of a band arranged to encircle the neck of a wearer, and which is provided with a pocket for receiving the elbow of the arm to be supported, and a loop for receiving the forearm.

One form which the present invention may assume is exemplified in the following description and illustrated by way of example in the accompanying drawings, in which:

Fig. 1 is a perspective view illustrating the preferred form of the invention as applied.

Fig. 2 is a perspective view of the device disclosing its construction.

Referring more particularly to the drawing, it will be seen that the main portion of the sling is made from a single strap of material. This is preferably non-stretchable fabric belting, as this material is both inexpensive and serviceable. One end of the strap is provided with a fastening member 10 which permits this end of the strap to form an adjustable forearm loop 11. The strap is then led up and around the neck of the wearer to provide neck portion 12. The strap is then given a half turn so that the arm supporting portion 13 will lie flat as it passes downwardly over the chest and under the elbow. The free end is then led around the elbow to form an elbow sling 14, after which it is led upwardly

across the chest and fastened to the dependent portion of the forearm sling, as indicated at 15. A separate elbow strap 16 is secured to the strap portions 13 and 15 adjacent the elbow sling 14. This strap, however, is arranged to extend substantially at right angles to the elbow sling portion 14 and forms a loop corresponding substantially thereto, so that the point of the elbow may be supported both in the rear and below the arm.

In operation of the present invention, the shoulder strap is applied as indicated in the drawing, after which the fastener 10 may be moved to adjust the length of the forearm sling. The elbow is positioned in the loops formed at 14 and 16 and the forearm sling is so adjusted that the arm will be naturally supported at a point slightly in advance of the elbow joint and also near the wrist. In practice it has been proven that such a suspension will naturally support the arm without unduly cramping it, thus maintaining the injured part in a condition which will be most favorable to its recovery.

It will thus be seen that the sling here disclosed, while quite simple and inexpensive in construction, provides a suitable and desirable supporting means for the purpose specified.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. An arm sling formed of a continuous band of material adapted to pass around the neck of a wearer, one end of said band extending downwardly across the chest of a wearer and terminating in a wrist loop, the other end of the band extending downwardly across the front of a wearer and looped to form a forearm support, and then extending diagonally and connecting with the other end adjacent the shoulder of a wearer, and a looped arm strap connected at its ends to said band adjacent the forearm support and adapted to extend around the upper part of the arm of a wearer adjacent the elbow to maintain the forearm correctly positioned in the sling.

2. An arm sling comprising a flexible band passing around the neck of a wearer

and extending down the front of a wearer at each side, an adjustable loop formed in the band at one side to support the wrist of a wearer, at the other side said band is looped and returned diagonally across the wearer's chest and connected to the band at the other side, said last mentioned loop constituting a forearm support, and a retaining end strap embracing the upper arm of the wearer above said supporting loop to maintain the forearm in correct position in the sling. 10

IRVING C. GOBAR.