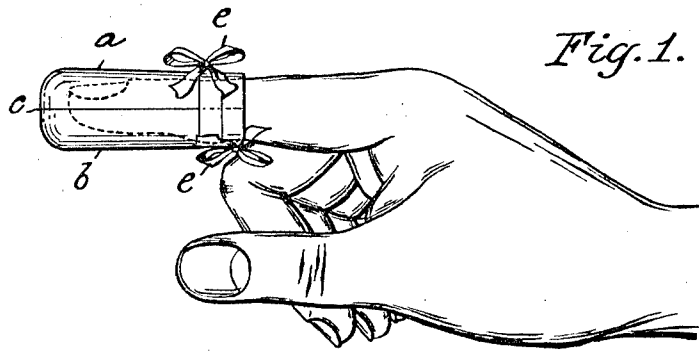
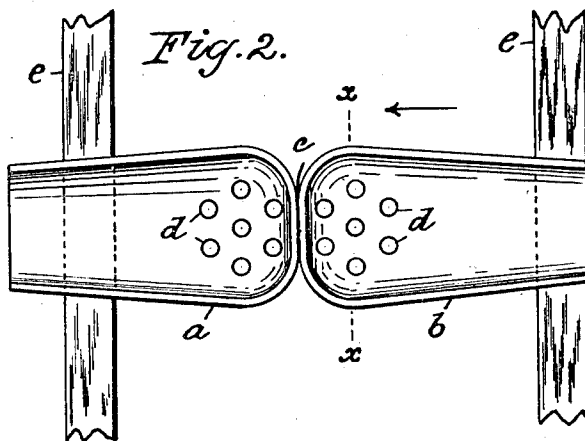
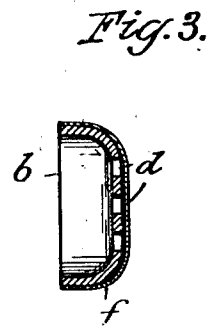
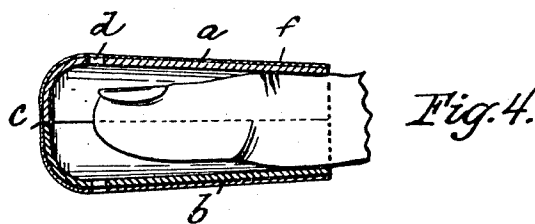


H. TUECKMANTEL.
FINGER SHIELD.
APPLICATION FILED APR. 24, 1912.

1,066,556.

Patented July 8, 1913.



WITNESSES:
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UNITED STATES PATENT OFFICE.

HUGO TUECKMANTEL, OF NEWARK, NEW JERSEY.

FINGER-SHIELD.

1,066,556.

Specification of Letters Patent.

Patented July 8, 1913.

Application filed April 24, 1912. Serial No. 692,806.

To all whom it may concern:

Be it known that I, HUGO TUECKMANTEL, a citizen of the United States, residing in the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Finger-Shields, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it pertains to make, construct, and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, forming a part of this specification.

The object of my invention is to provide an improved surgical appliance which is particularly adapted as a shield or guard for an injured finger. It very often happens before an injured finger is entirely healed, it receives further injuries which frequently aggravates the injury and retards the healing. A device of this class should be inexpensive, capable of firm and rapid adjustment to and detachment from the injured finger; it should permit the air to reach the covered finger, should permit movement of said finger and serve as an effective guard to protect said finger from contacting with objects, thereby preventing further injury to the same.

With these and other objects in view, the invention consists in the novel construction and arrangements of the parts hereinafter described, it being understood that various changes in the form, proportions and size and minor details of construction may be made without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 represents a side elevation of a hand, upon the fore-finger of which is seen a shield or guard in accordance with my invention held and secured in place thereon by the tapes attached thereto. Fig. 2 represents a plan view of the device showing it in open position. Fig. 3 represents a sectional view taken on lines *x-x* in Fig. 2, looking in the direction indicated by the arrow; and Fig. 4 represents a longitudinal section of the device, illustrating the position of the finger therein, the fastening tapes not being shown.

Similar letters of reference are employed

to indicate corresponding parts throughout the several figures of the drawings.

The finger shield or guard of my invention comprises two approximately trough-shaped sections *a* and *b*, which may be hinged together as indicated at *c*. A plurality of apertures *d* are punched through the sections *a* and *b*, preferably near the hinged ends to provide the proper ventilation for the finger. In its preferred form, my invention is fashioned from paste-board covered with gauze, but any light sheet metal, wire gauze or other suitable material may be used.

The two sections *a* and *b* may be secured together in any suitable or improved manner, as for example, by means of the tapes *e, e*, one of which is secured to each section and adapted to be passed around and secured to the other section. In the preferred form of my invention, I mold the sections *a* and *b* from ordinary thick pasteboard and cover the same with linen or gauze *f*, so that the linen at the front ends of the sections forms the hinge *c* therefor. It will also be noted that the sections *a* and *b* are wider at their hinged ends than at the other ends for the reason that the shield is designed to be secured to the finger by the narrow portion of the shield as clearly indicated in Figs. 1 and 4 of the drawings, so as to be firmly held by the said narrow portion, thereby preventing the shield from slipping back and contacting with the finger, as would be the case if the shield were of uniform dimensions and secured to any other part of the hand or wrist.

The invention is not limited to the exact embodiment shown, but may be modified in various ways in the scope of the following claims.

I claim:

1. A finger shield comprising two covered trough-shaped sections hinged together, said sections being wider at the hinged end than at the opposite end, the covering of said sections forming the hinge therefor and means secured to the narrow ends of the sections for attaching the shield to the finger.

2. A finger shield comprising two inflexible perforated trough-shaped sections provided with a covering, said covering form-

ing a hinge, whereby said sections are
hingedly connected at their outer ends, said
sections being tapered so as to provide large
outer and small inner ends, and means se-
5 cured to and surrounding the small inner
ends of said sections for securing the inner
end of said shield to the finger.

This specification signed and witnessed
this 19th day of April, 1912.

HUGO TUECKMANTEL.

Witnesses:

FRED'K C. FISCHER,
CLIFFORD A. ALLISTON.