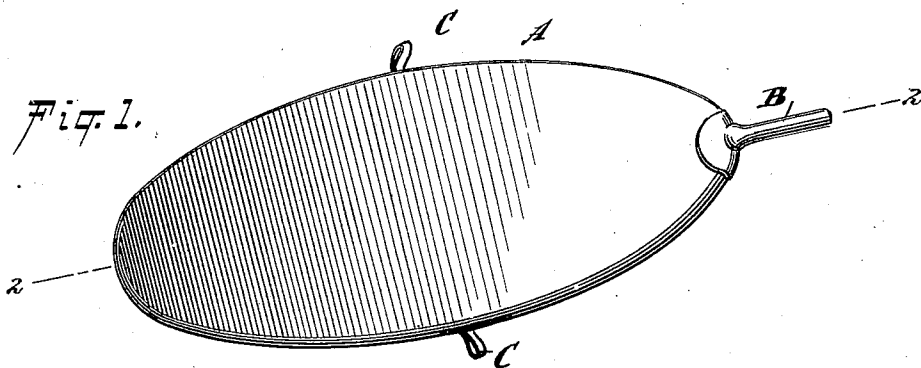


(No Model.)

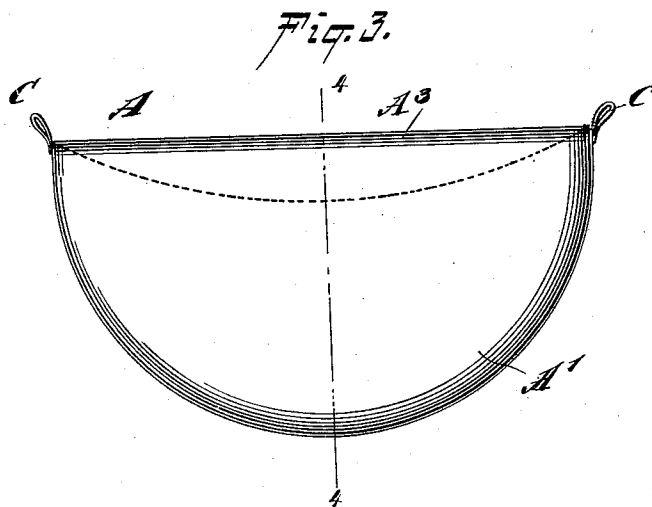
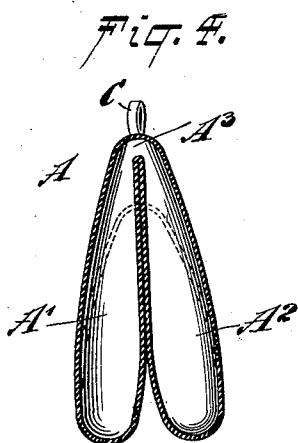
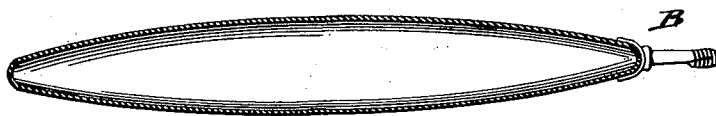
D. HARRISON.
DRESS SHIELD.

No. 579,825.

Patented Mar. 30, 1897.



A Fig. 2.



WITNESSES:
William F. Goebel.
Geo. H. Hooten,

INVENTOR
Dora Harrison.
BY Munn & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

DORA HARRISON, OF LANSING, MICHIGAN.

DRESS-SHIELD.

SPECIFICATION forming part of Letters Patent No. 579,825, dated March 30, 1897.

Application filed October 27, 1896. Serial No. 610,221. (No model.)

To all whom it may concern:

Be it known that I, DORA HARRISON, of Lansing, in the county of Ingham and State of Michigan, have invented a new and Improved Dress-Shield, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved dress-shield arranged to readily yield in every direction and give perfect freedom to the arms and body without danger of binding.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the bag deflated. Fig. 2 is a sectional side elevation of the same inflated on the line 2 2 of Fig. 1. Fig. 3 is a side elevation of the improvement, and Fig. 4 is a transverse section of the same on the line 4 4 of Fig. 3.

The improved dress-shield is provided with a bag A, made of flexible odorless material, such as deodorized rubber, of an oval shape, as indicated in Fig. 1. On one end of the bag A is secured a tube B, opening into the bag and serving to blow up and inflate the bag with air. The tube B is of sufficient length to be readily doubled up after inflation of the bag, the doubled-up portions being secured to each other by winding a thread around the same or by cement, so as to prevent deflation.

On opposite sides of the bag A and at or near the middle thereof are arranged loops C

for attaching the shield to a dress by sewing, hooks, or other devices. When the device is used, the bag is doubled up at its middle and on a line between the loops C, so as to form two air-cushions A' and A² in communication with each other at the saddle A³, extending between the loops C.

Now it will be seen that the shield is air-cushioned and on account of being of flexible material readily yields to conform to the shape of the dress and arm, as indicated in dotted lines in Fig. 3. By having two air-cushions A' and A² the dress-shield will readily yield in every direction, so as to give perfect freedom to the arms without danger of the shield binding.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A dress-shield composed of an inflatable central or saddle portion and inflatable side portions arranged side by side and provided at the ends of the saddle portion with means whereby it may be secured to the garment, substantially as set forth.

2. A dress-shield composed of inflated side portions or cushions arranged side by side and an intermediate inflated saddle portion in communication with the inflated side portions and provided at the ends of the saddle portion with means whereby it may be secured to a garment, substantially as shown and described.

DORA HARRISON.

Witnesses:

JOEL S. HARRISON,
FRANK WELLS.