

C. W. FRASER.
BODY PROTECTOR.
APPLICATION FILED JAN. 5, 1909.

936,442.

Patented Oct. 12, 1909.

FIG. 1

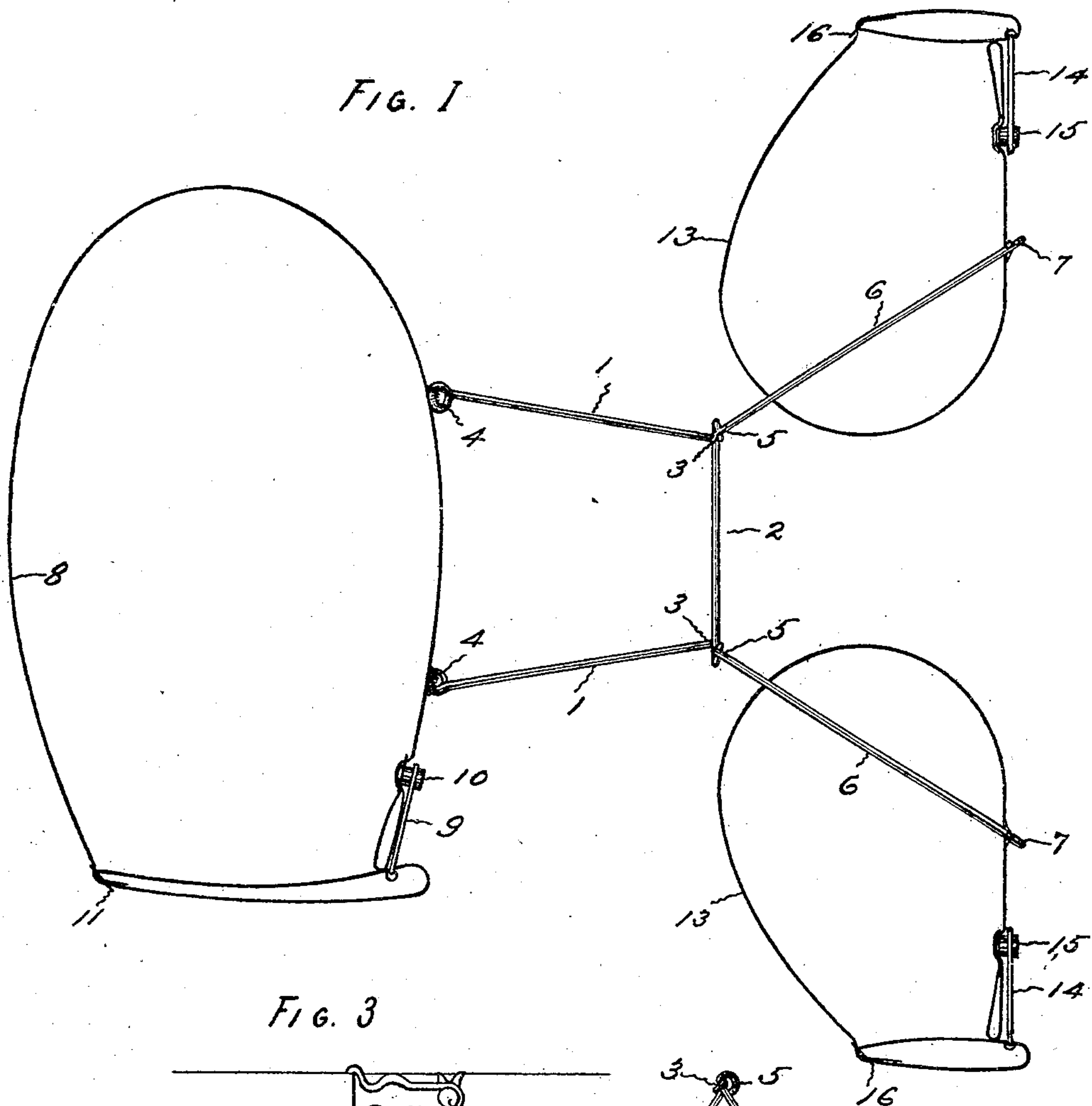


FIG. 3

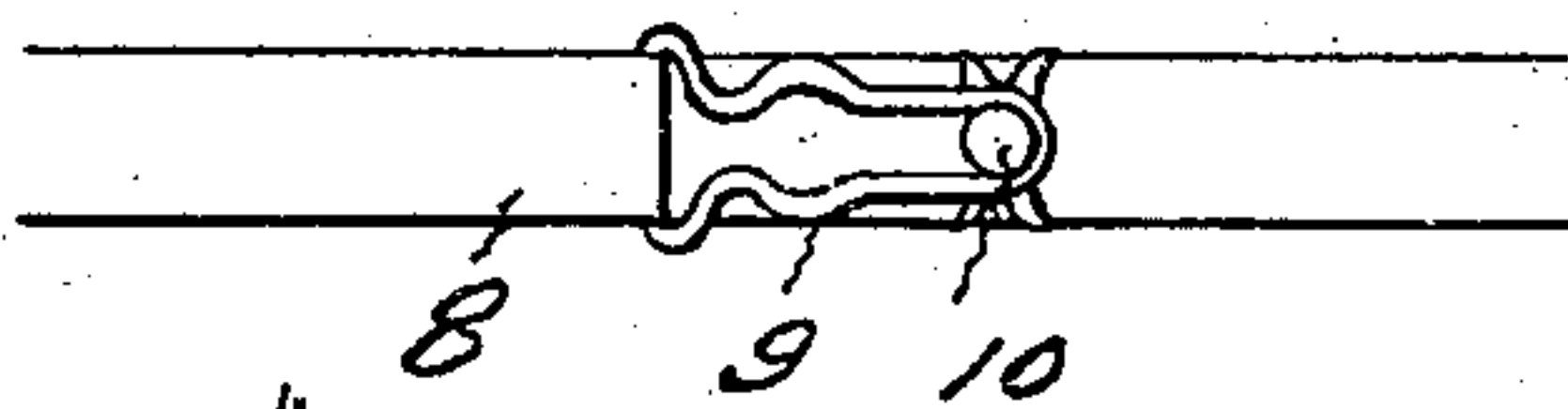


FIG. 4

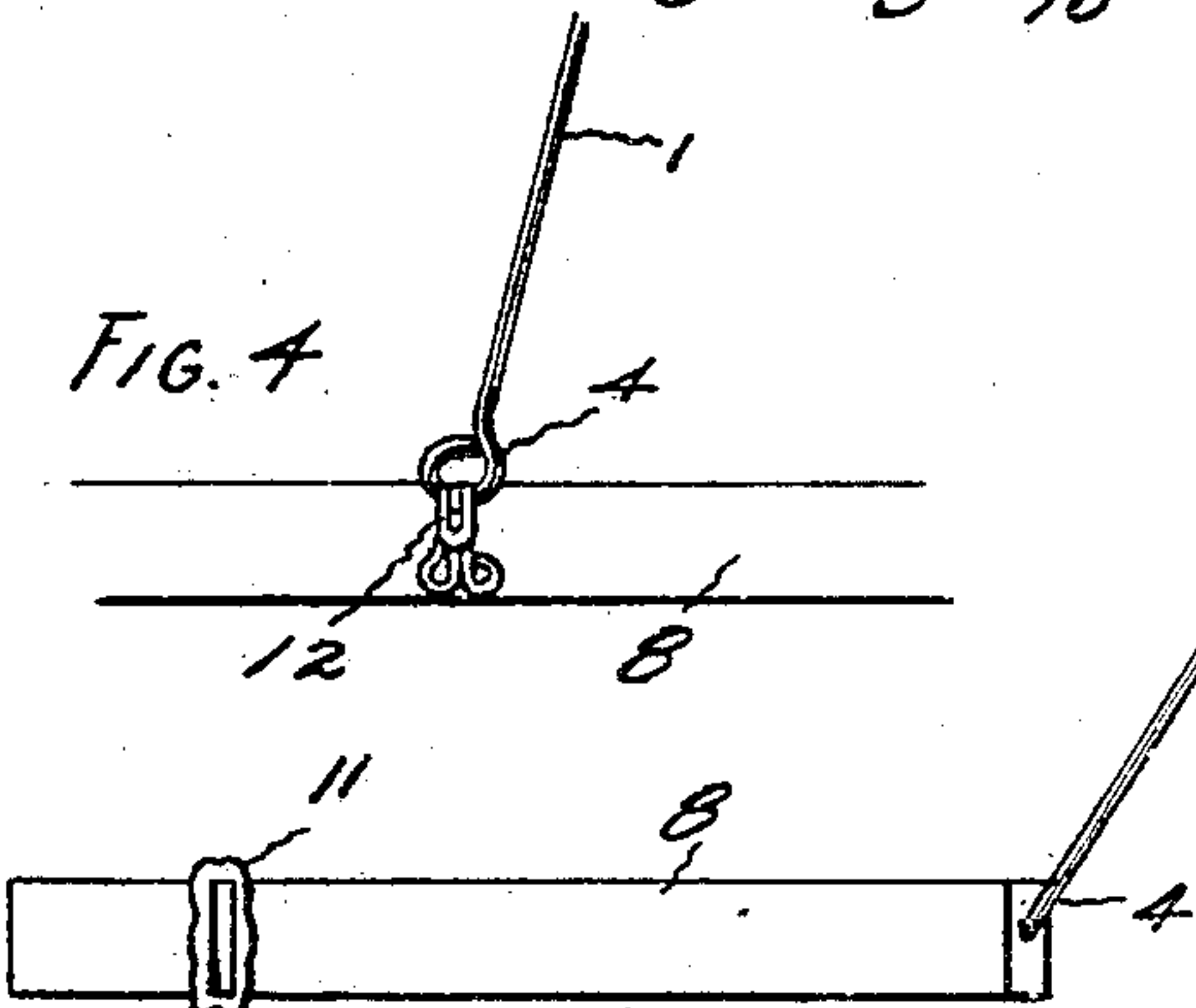
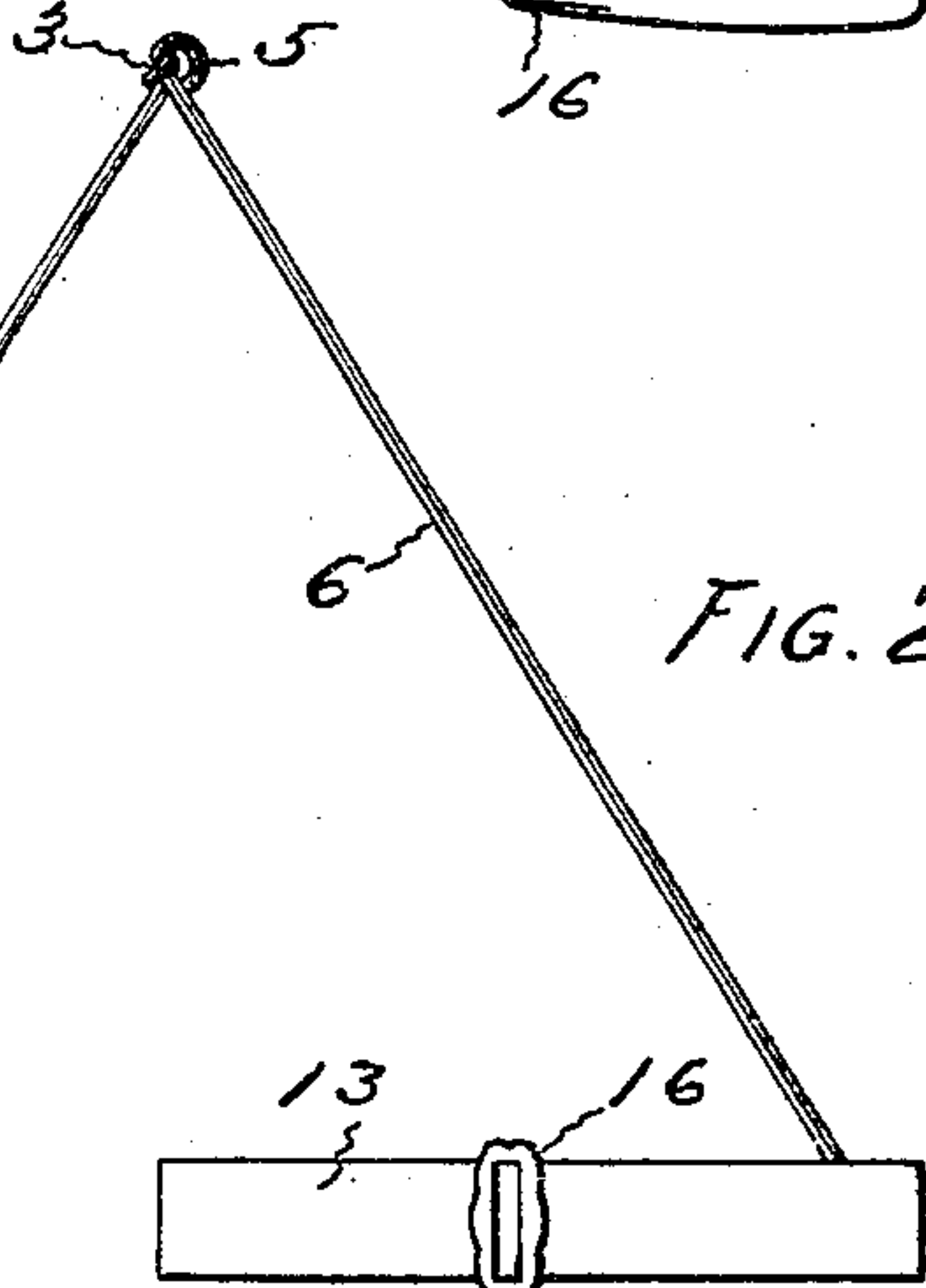


FIG. 2



WITNESSES:

Josephine M. Stremper
Howard L. Holcomb

INVENTOR:

Clarence W. Fraser by
Harry P. Williams, atty.

UNITED STATES PATENT OFFICE.

CLARENCE W. FRASER, OF HARTFORD, CONNECTICUT.

BODY-PROTECTOR.

936,442.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed January 5, 1909. Serial No. 470,776.

To all whom it may concern:

Be it known that I, CLARENCE W. FRASER, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented a new and useful Body-Protector, of which the following is a specification.

This invention relates to a device which is adapted to be attached to the body of a person for preventing bed clothing from coming in contact with such parts of the person as it is desired to protect from irritation and relieve from weight.

The object of the invention is to provide a very simple, cheap, light and efficient device, which can be quickly attached to or removed from the person, and which will not inconvenience the person wearing the protector, for the purpose of preventing bed clothing from coming in contact with and irritating genital organs, or wounds resulting from accident or from operation.

The device shown has a flexible frame, which is designed to be arranged on the body so as to span the organ or wound to be protected, a band attached to the frame and adapted to be fastened about the trunk, usually at the waist of the patient, and bands, which are adapted to be fastened about the thighs, attached to the frame, in such manner that when the waist band and thigh bands are fastened in position, the frame is held in the form of a flexible truss or bridge above the organ or wound so as to keep the covering or bed clothing at a distance.

Figure 1 of the accompanying drawings shows a plan of a protector which embodies the invention. Fig. 2 shows a side view of the same. Fig. 3 shows a view of one form of fastening which may be used for connecting the ends of the bands, and Fig. 4 illustrates a method of attaching the ends of the frame to the bands.

The frame of the device shown has a section which is desirably formed of a single piece of wire bent so as to form an arch. The sides 1 of this section of the frame are connected with the bar 2 at the top by loops 3, and at their free ends have eyes 4. It is preferred that the sides be slightly farther apart at the base, or at their free ends, than at the top where they are connected, and the wire is usually somewhat flexible so that it can be bent by the user to any desired shape.

Hinged to the loops 3 by loops 5 are rods 6, the free ends of which have eyes 7. These

rods, which form the other section of the frame, are preferably made of wire so that they will be smooth, light and resilient.

Attached to the base ends of the arch section of the frame, is a band 8 of such length that it may be fastened about the body of the person to whom the device is to be applied. It is preferred that this band be made of elastic material so that it will hold in place without discomfort to the wearer, and one end is desirably provided with a loop 9, which is adapted to be attached to a stud 10, on the other end for fastening the ends together. The band is also desirably provided with a slip buckle 11, by means of which the length of the band may be adjusted. The ends of the arch section of the frame may be connected with the band by stitching, but it is preferred to apply hooks 12 to the band, with which the eyes on the ends of the frame may be quickly engaged. To each free end of the loose rod-section of the frame a band 13 is attached. These bands may be connected by stitching, but it is preferred to connect them by means of a hook and eye as shown in Fig. 4. These bands are also provided with a loop 14 and stud 15, by means of which the ends may be fastened, and a slip buckle 16 by means of which the length of the band may be adjusted. These bands also may be made of elastic material, although of course they could, as well as the waist band, be made of other material, if desired.

The device illustrated and described herein is very cheap to make, it is light in weight and can be folded so that it can be packed in a very small space for carrying about. When it is desired to use the device the body band is fastened about the waist of the person and the leg bands about the thighs, usually close to the trunk. This causes the frame to form an arch on the body over the organ or wound to be protected and prevents any possibility of the covering or bed clothing from coming in contact with the protected part. The frame is flexible so that the body and legs may be turned in various positions without inconvenience and without causing discomfort to the wearer.

The invention claimed is:

1. A body protector having a jointed frame formed of side pieces, rods jointed thereto, and a bar connecting the side pieces, a band attached to one end of the frame and adapted to be fastened about the body,

and bands attached to the other end of the frame and adapted to be fastened about the thighs.

2. A body protector having a sectional
5 frame formed of wires jointed substantially
midway between their ends, an elastic band
attached to one end of the frame and adapt-
ed to be fastened about the body, and elastic
bands attached to the other end of the frame
10 and adapted to be fastened about the thighs.

3. A body protector having a frame
formed of an arch and rods hinged to the
arch, a band attached to one end of the arch,
and bands attached to the free ends of the
15 rods.

4. A body protector having a wire frame,

one section of the frame being formed in a
single piece and the other section of the
frame being formed of rods, a band attached
to the ends of the single section of the frame, 20
and a band attached to the end of each of
the loose sections of the frame.

5. A body protector having a frame
formed of a single piece of wire and rods
jointed to the same, an elastic band attached 25
to the ends of the single section of the frame,
and elastic bands attached to the free ends
of the rods.

CLARENCE W. FRASER.

Witnesses:

HARRY R. WILLIAMS,

JOSEPHINE M. STREMPFER.