

No. 686,253

Patented Nov. 12, 1901.

I. J. BRADSHAW.

GLOVE.

(Application filed Apr. 15, 1901.)

(No Model.)

Fig. 1.

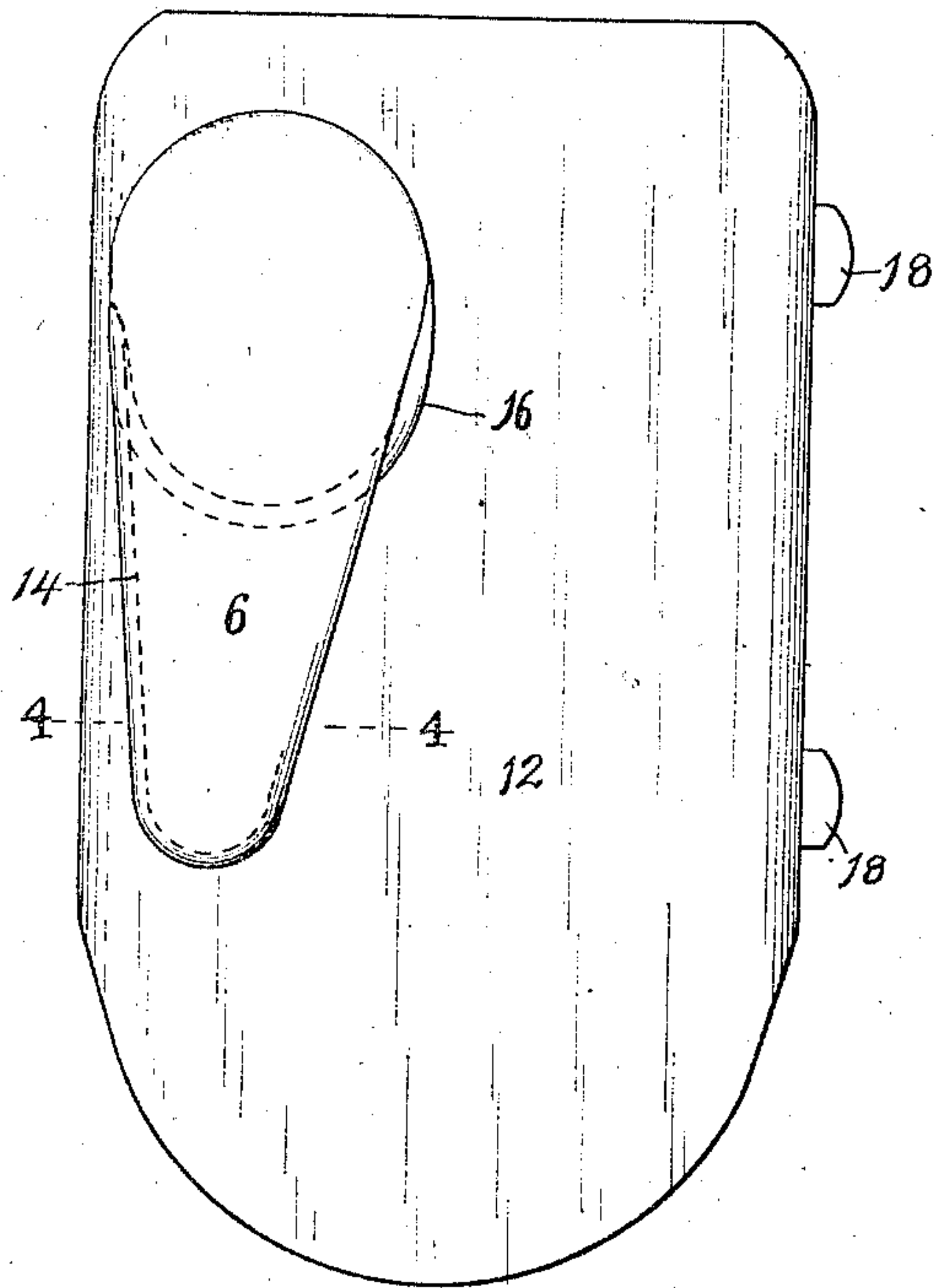


Fig. 2.

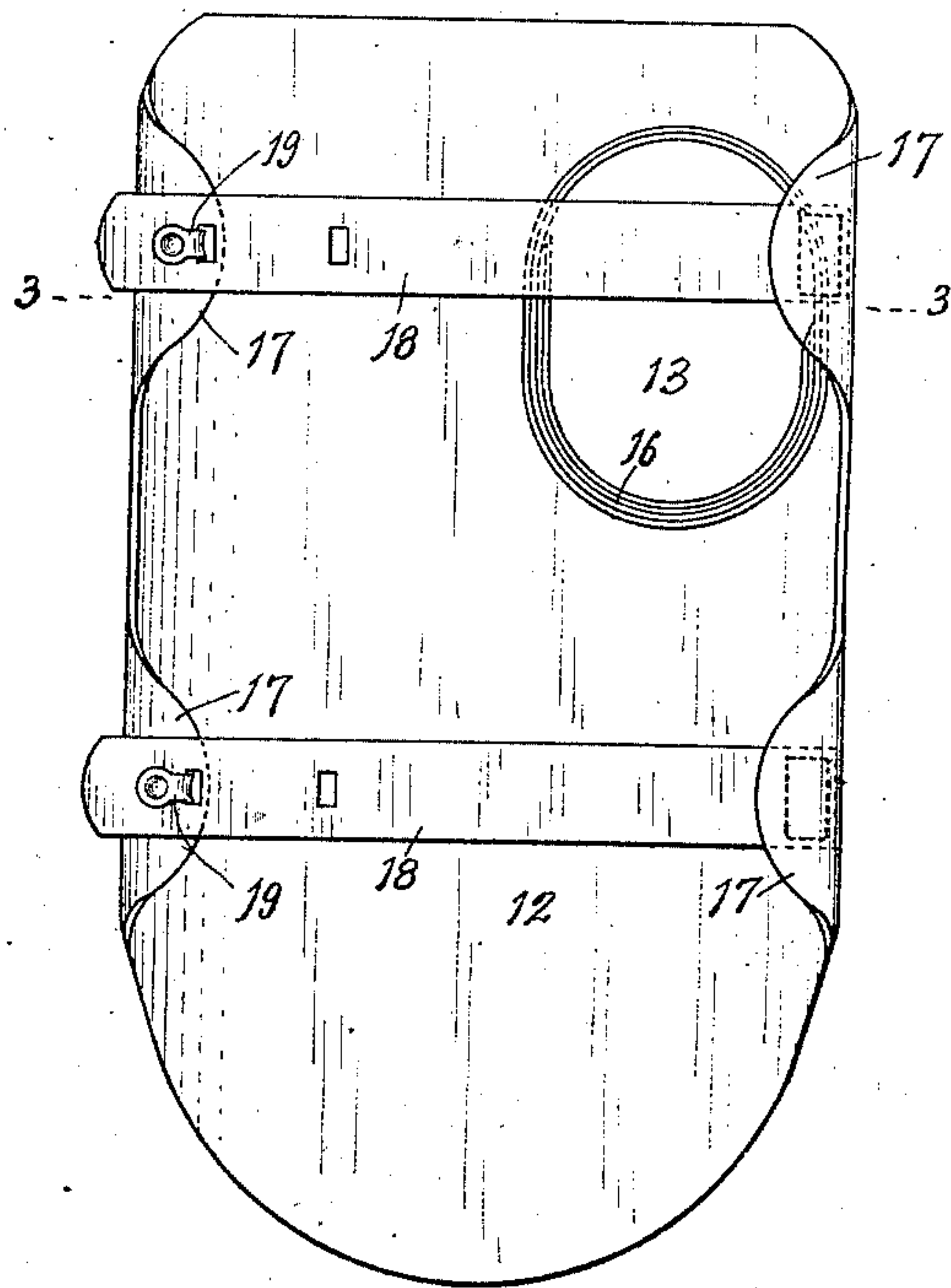


Fig. 4.

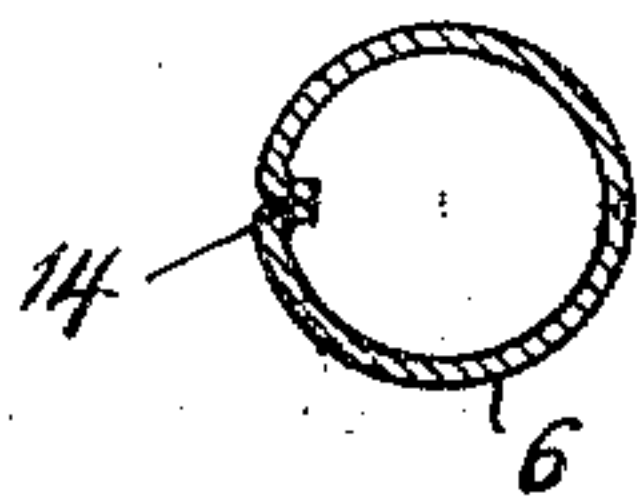


Fig. 3.

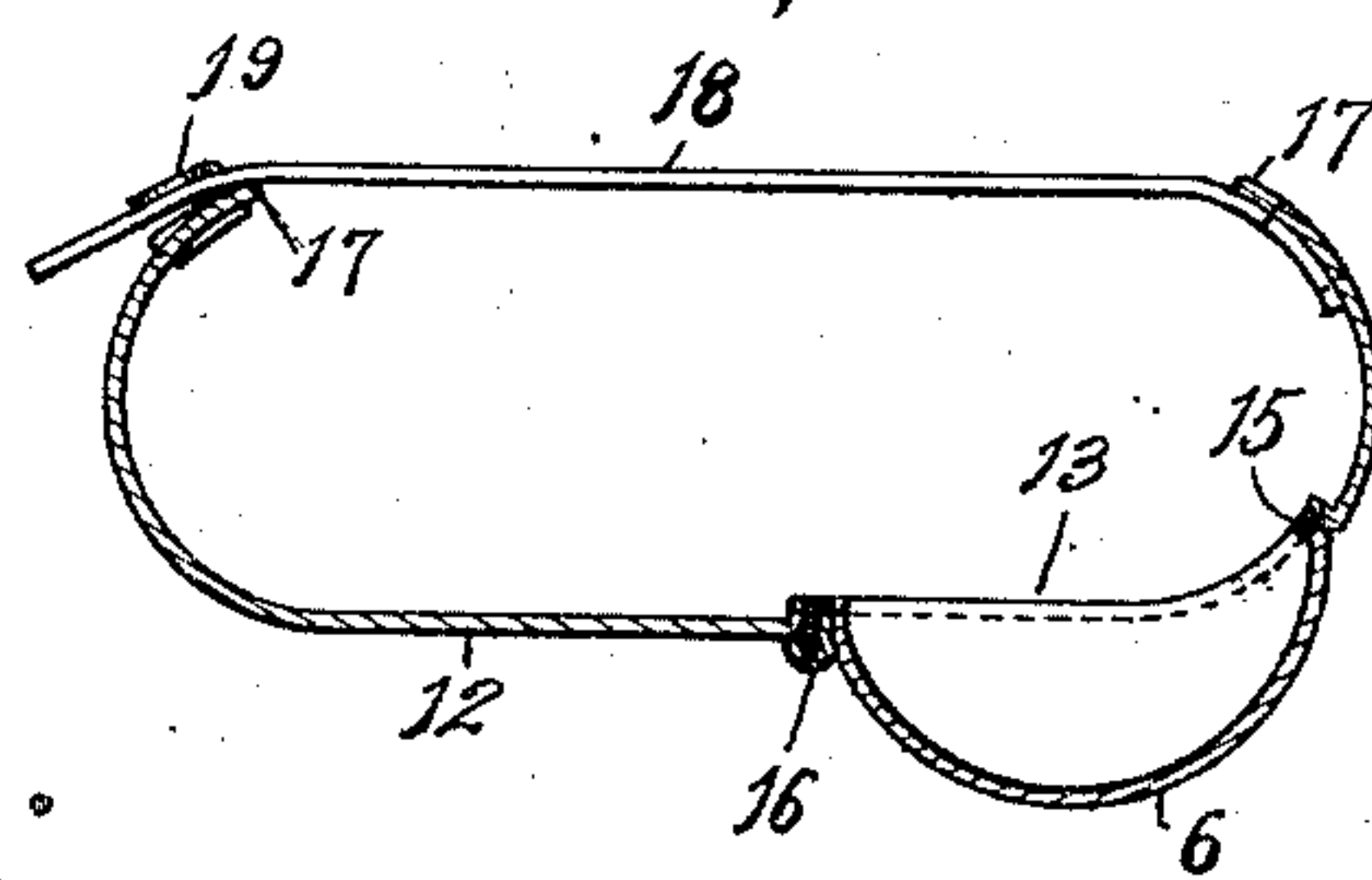
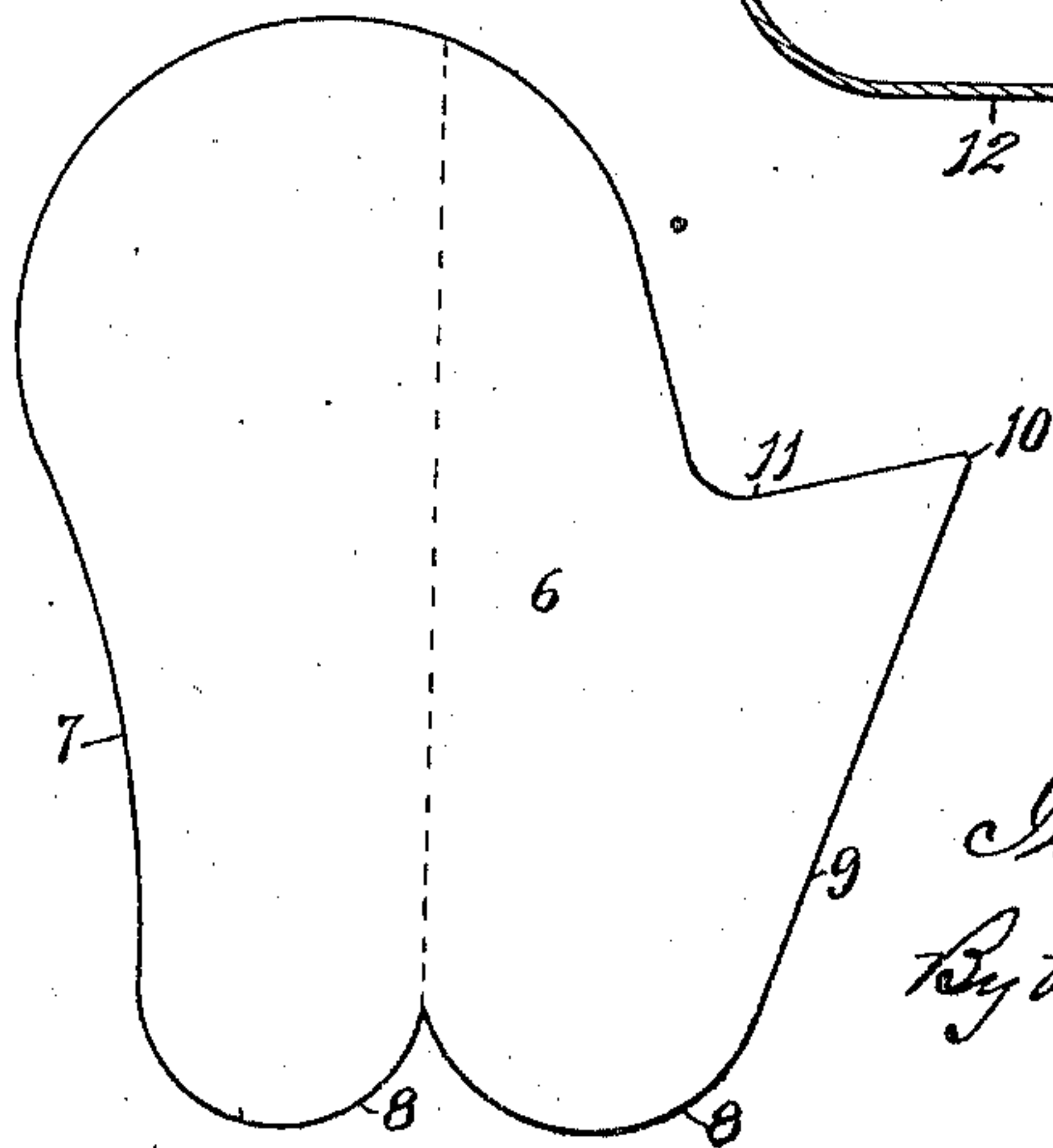


Fig. 5.



Witnesses:
C. H. Keeney
Anna V. Faust

Inventor.
Irvin J. Bradshaw
By *Benedick & Morsell*
Attorneys.

UNITED STATES PATENT OFFICE.

IRVIN J. BRADSHAW, OF RIPON, WISCONSIN.

GLOVE.

SPECIFICATION forming part of Letters Patent No. 686,253, dated November 12, 1901.

Application filed April 15, 1901. Serial No. 55,925. (No model.)

To all whom it may concern:

Be it known that I, IRVIN J. BRADSHAW, residing at Ripon, in the county of Fond du Lac and State of Wisconsin, have invented a new and useful Improvement in Gloves, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

My invention has relation to improvements in gloves, some of the features of the invention relating to gloves generally, while other features thereof relate to a particular class of gloves, generally known as "palm-protectors."

One of the objects of the invention is the provision, in connection or combination with a palm-piece having an uninterrupted substantially oblong opening, of a finger-piece of such construction that when the edges of the blank thereof are secured together and the completed finger applied to the palm-piece opening the longitudinal seam of said finger-piece will be along the outer side edge thereof.

A further object is to provide in connection with a finger-piece an improved form of reinforcing-strip arranged in connection with the finger-piece at the point where said finger-piece is subjected to the greatest wear.

With the above primary and other incidental objects in view the invention consists of the devices and parts or their equivalents, as hereinafter set forth.

In the accompanying drawings, Figure 1 is an elevation of the outer side of a palm-protector embodying my improvements. Fig. 2 is an elevation of the reverse or back side thereof. Fig. 3 is a section on the line 3 3 of Fig. 2. Fig. 4 is a section on the line 4 4 of Fig. 1, and Fig. 5 is a detail view of the blank for the thumb or finger piece.

Referring to the drawings, the numeral 6 indicates the blank for forming the thumb or finger piece. The upper edge of this blank is curved or rounded upwardly, as clearly shown in Fig. 5. One lateral edge 7 is inclined inwardly slightly toward the lower edge, while the lower edge is composed of two downwardly-curved portions 8 8, the meeting-point or apex of said downward-curved portions being out of line with the center of the

upper curve of the finger-blank. The other side edge is continued upwardly from the lower edge at a slight outward incline, as indicated by the numeral 9, to a point 10, where it meets an outwardly and slightly upwardly extending edge 11.

As stated at the outset of the specification, one of the primary objects of my invention is to provide a construction of finger-blank of such character that when said blank is formed into the complete finger and applied to the uninterrupted substantially oblong opening of the palm-piece the longitudinal seam of said finger-piece will be along the outer side edge thereof, said edge being one which is subjected to the least wear and strain, and this is accomplished by the form of finger-blank just described, and illustrated in Fig. 5 of the drawings, and in the particular manner of securing the finger-piece.

In the drawings I show the finger-blank as a thumb-piece and in connection with a palm-protector. It will be understood, however, that any finger of a glove may be so constructed and connected to any form of glove other than a palm-protector. The palm-protector in the accompanying drawings is indicated by the numeral 12 and the opening thereof by the numeral 13, said opening being of a substantially oblong shape. In forming and securing the finger-blank it is preferably folded wrong side out on a straight line extending from the meeting-point or apex of the two downwardly-curved portions 8 and in such manner that the edges 7 and 9 and 8 8 will be brought together. A stitch-line 14 is now made along the longitudinal edges 7 and 9 and the lower edges 8 8, as clearly shown in Fig. 1. The material forming the finger-piece is next turned right side out, and this will necessarily bring the stitch-line on the inside, as clearly shown in Fig. 4. The next operation is to adjust the upper end of the finger-piece thus formed to the opening 13. The upper portion of the finger-piece is formed by the upper rounded edge of the blank, by the longitudinal edge above the outstanding edge 11, and by said outstanding edge 11. The upper rounded edge conforms to the upper portion of the palm-piece open-

ing, the longitudinal edge above the outstanding edge 11 to one side of the palm-piece opening, the outstanding edge 11 to the lower end of the palm-piece opening, and the upper portion of the edge 7 above the stitch-line 14 to the other side of said opening. The several edges referred to are inserted a slight distance into the palm-piece opening, and the corresponding edges of said palm-piece opening are intumed and the several edges then joined together by means of a stitch-line 15, as most clearly shown in Fig. 3. By this means of constructing and connecting a finger-piece the greatest possible strength and wearing capacity are secured.

I employ in connection with my finger-piece an improved reinforcing-piece, which consists of a longitudinally-folded strip 16. This strip is adapted to be secured in the crotch formed between the under side of the finger-piece and the palm of the glove or protector. It is placed in position when the finger-piece is inserted in the opening 13 and the upturned edges of the reinforcing-strip are between the edge of the finger-piece and the upturned edge of the palm-piece and secured by the stitch-line 15, as most clearly shown in Fig. 3. As the finger of a glove is most apt to break or tear at the crotch, my improved form of reinforcement acts to effectually prevent this, as it forms a double thickness at the most vulnerable point and, besides, is secured by means of a stitch-line which is entirely on the inside of the palm-piece.

It will be noticed that in my device I employ a palm-protector in which a full thumb-piece is provided, as shown in Figs. 1 to 3 of the drawings. Heretofore, so far as I am aware, palm-protectors as constructed are merely provided with an opening for the thumb or with a thumb-piece which but partially protects or covers the thumb. Palm-protectors, as is well understood, are used by all classes of laborers, by motormen, and by a variety of different artisans, and in their use the thumb of the hand is of course employed to a great extent in grasping objects, and hence it is desirable that the thumb should be fully covered and protected. The palm-protector 12 is also of such shape, as clearly shown in Figs. 1 and 2, as to cover the entire palm. Another advantage of my palm-protector is that in cold weather it can be readily adjusted over a mit or glove placed on the hand.

I also show in the drawings a means whereby the fastening means for securing the protector is disposed entirely on the back of the hand, and hence in such a position as to prevent it from contacting with any object which the hand may grasp. This consists in forming the opposite longitudinal edges of the palm-piece with laterally-extending ears 17. To one set of these ears are fastened securing-straps 18, which may be of either

elastic or non-elastic material. The free ends of these straps are provided with openings which are adapted to engage catches 19, secured to the other set of ears 17. When the palm-piece is adjusted to the hand and the thumb inserted in the thumb-piece, the straps are drawn over the back of the hand and the free ends of said straps made to engage the catches 19. The ears 17 project a sufficient distance so that when the engagement referred to is effected said ears are brought entirely on the back of the hand, as clearly shown in Fig. 2, and hence the securing means is disposed in a position where it is impossible for the same to contact with any object which the hand may grasp.

What I claim as my invention is—

1. The combination with a finger-piece formed from a blank, said blank having an upper rounded edge, one uninterrupted or unbroken side edge, a lateral extension from its opposite side edge, said extension projecting outwardly a considerable distance, and said blank having its lower edge formed into two downward-curved portions, the said blank being folded along a straight line from the point or apex of the two downwardly-curved portions of the lower edge, the said two downwardly-curved portions being stitched together, and the side edges stitched together by a seam extending to the outer point of the lateral extension, thereby leaving an oblong opening at the upper or inner end of the finger-piece, of a palm-piece provided with an uninterrupted substantially oblong opening, the edges of the opening of the finger-piece being secured to said opening of the palm-piece in such a manner that the side seam of the finger-piece is along the outer edge of said finger-piece, and with the lateral extension of the finger-piece extending around and secured to the lower bordering edge of the opening of the palm-piece.

2. The combination of a finger-piece formed from a blank said blank having an upper rounded edge, one uninterrupted or unbroken side edge, a lateral extension from its opposite side edge, said extension projecting outwardly a considerable distance, and said blank having its lower edge formed into two downward-curved portions, the said blank being folded along a straight line from the point or apex of the two downwardly-curved portions of the lower edge, the said two downwardly-curved portions being stitched together, and the two side edges stitched together by a seam extending to the outer point of the lateral extension, thereby leaving an oblong opening at the upper or inner end of the finger-piece, a palm-piece provided with an uninterrupted substantially oblong opening, the edges of the opening of the finger-piece being secured to said opening of the palm-piece in such a manner that the side seam of the finger-piece is along the

outer side edge of said finger-piece, and with the lateral extension of the finger-piece around and secured to the lower bordering edge of the opening of the palm-piece, and a
5 folded reinforcing-strip secured in the crotch formed between the inner side of the finger-piece and the side of the palm-piece.

In testimony whereof I affix my signature in presence of two witnesses.

IRVIN J. BRADSHAW.

Witnesses:

WILLIAM KAHL,
GUSTAV SCHULTZ.