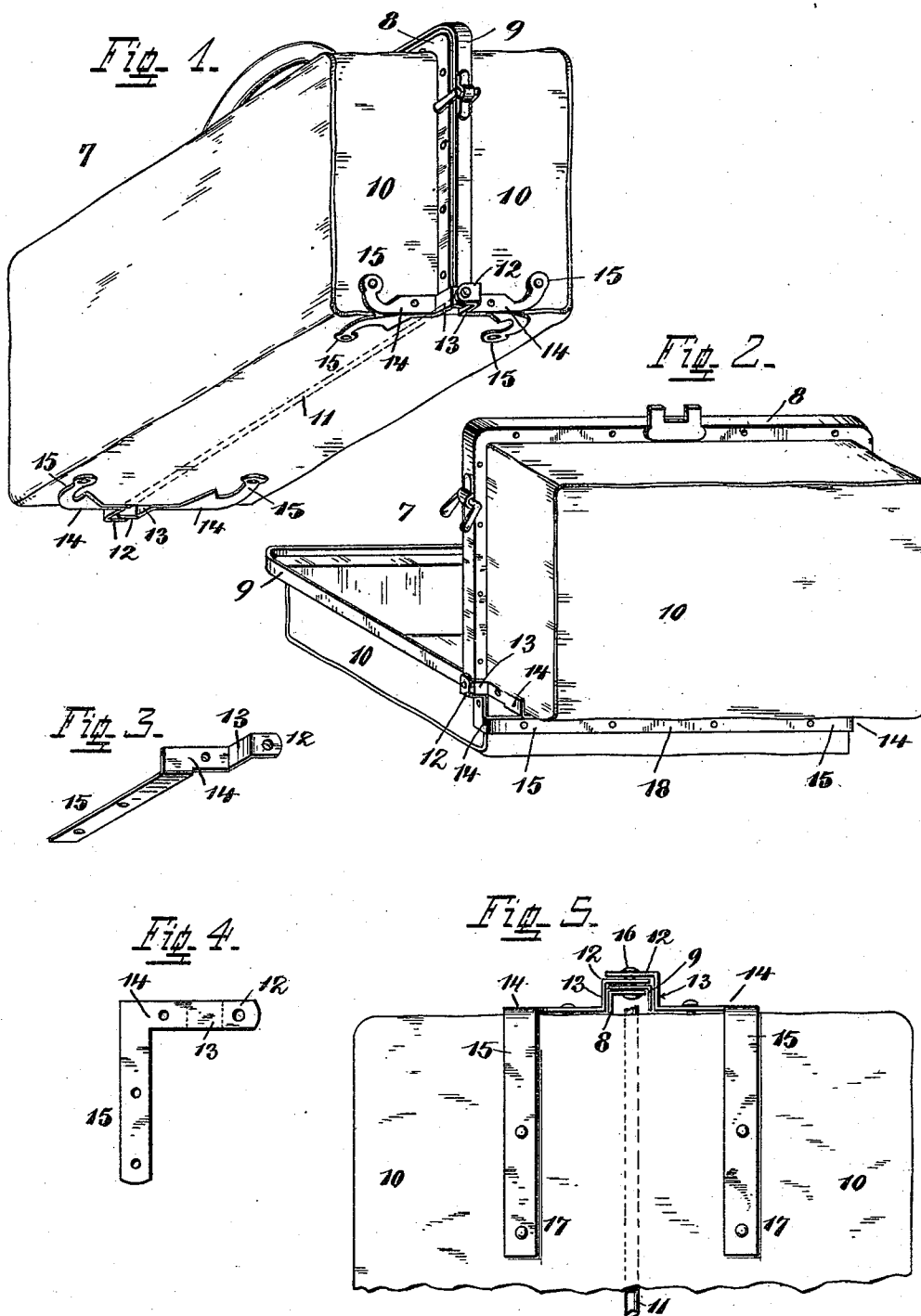


(No Model.)

H. WAGNER.
TRAVELING BAG.

No. 470,227.

Patented Mar. 8, 1892.



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UNITED STATES PATENT OFFICE.

HENRY WAGNER, OF CINCINNATI, OHIO.

TRAVELING-BAG.

SPECIFICATION forming part of Letters Patent No. 470,227, dated March 8, 1892.

Application filed October 22, 1891. Serial No. 409,531. (No model.)

To all whom it may concern:

Be it known that I, HENRY WAGNER, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Traveling-Bags; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in traveling-bags and to a new article of manufacture attached to them, whereby said improvements are attained.

This new article of manufacture consists, substantially, of an independent hinge and a corner piece and back frame integrally combined therewith, by which the use of the old back frame may be dispensed with and whereby the riveting of this latter to the front frame for the purpose of forming the hinge is avoided. Heretofore such traveling-bags did not have a separate hinge, and this latter was formed by the ends of the front and back frame, the ends of the latter, forming the hinge-pin, passing through the overlapping ends of the former. The strain and ordinary wear and tear which the hinge has to stand was thus thrown on the principal parts of the construction, because said parts (the frame) constituted the former, and they would therefore wear out quickly, and necessary repairs of the hinge would involve the frame to such an extent as to require its complete replacement. Owing to the enormous cost, however, of such replacement as compared to the first cost of the whole implement, such course is hardly practicable, and therefore many bags with frames worn out at their hinged part, but otherwise in good condition yet, are thrown away as not worth enough to be repaired.

The object of my invention is to dispense with the use of any part of the frame for purposes of a hinge and to use for this latter a separate piece, which takes all the strain off of the frame of the bag and which when worn out may be removed and replaced independently and without interfering with the frame or the bag.

My invention is more particularly described and pointed out in the following specification and claims and illustrated in the accompanying drawings, in which—

Figures 1 and 2 show traveling-bags in closed and open condition and provided with my independent and combined hinge-piece, corner piece, and back frame attached. Fig. 3 shows in a perspective view one hinge-section removed. Fig. 4 shows in a plan view the blank of such a section when made out of sheet or plate metal and before being bent to its shape. Fig. 5 is an enlarged underside view of one end of a bag, showing my combined hinge and corner piece in position, and also showing how an old-style bag, with the ends of its back frame broken off, may be repaired by attaching my hinge.

7 is a traveling-bag of ordinary form.

8 is one and 9 the other section of the front frame, to which the two halves 10 10 of the bag connect.

11 is the back frame, consisting, substantially, of a rod, the two ends of which, by passing through the perforated and overlapping ends of the two frame-sections 8 and 9, form the hinge-pin and beyond which these ends are flattened, and thus complete the hinge on which the two bag-halves swing.

As will be seen, the principal part of the bag—that is, its supporting-frame—is used to form the hinge, the ends of the back frame forming the pin of the same. All the wear and strain of the hinge involves, therefore, these parts coincidently, and after they become worn out at the hinge part the whole bag becomes practically useless, no matter how well preserved yet otherwise. A repairing would involve the whole frame, and for this reason such a course is out of question.

In order to relieve the frame from the wear which the additional use as a hinge adds to it, I provide a separate hinge-piece, which is secured to and supported by the body of the bag, assumes all the strain which the frame-sections are subject to at their point of junction, and may be taken off and replaced after worn out without affecting or interfering with any of the parts of the frame. The means whereby this hinge is secured to the body of the bag serve, also, as a protection to the lower corners of the same. This hinge-piece con-

sists of two sections, each provided with the hinge part 12 proper, an extension 13, which raises the former sufficiently off of the body of the bag to enable it to pass over the projecting ends of the frame, the corner piece 14, and lugs 15, by which the whole is secured to the body of the bag. This hinge takes all the wear and strain off of the frame, and also protects the body of the bag at a point where it is subject to great wear—namely, at its lower corners. In cases where the ends of the old back frame are also used to form the pin of the hinge these ends wear quickly off and often break as a result of the excessive strain to which they are subjected. In such an event the bag becomes generally useless, inasmuch as the broken-off ends of the back frame shorten the same generally too much to admit of the riveting of the ends again for the purpose of a reuse as a hinge-pin. With the use of my independent hinge-piece such damages are easily repaired by simply putting a new rivet 16 through the hinge and leaving the broken and shortened back frame undisturbed. (See Fig. 5.) Where no back frame is used, the body of the bag may be stiffened by having lugs 15 of the hinge extending inwardly over the bottom of the bag, as shown at 17 in Fig. 5; or these lugs may join each other and form one continuous piece, as shown at 18 of Fig. 2. This independent hinge and corner piece combined may be cast, as shown in Fig. 1, or it may be stamped out of sheet-iron or metal plate and bent to its shape, as shown in Figs. 2, 3, and 5.

Fig. 4 shows the blank of one of the sections as it appears when the hinge is to be constructed in the last-described manner and before it is bent.

Having described my invention, I claim as new—

1. In combination with the two halves or sections of a traveling-bag, an independent hinge-piece whereby they are held together, and a corner-piece forming a part of this hinge-piece and serving as a means to secure the same to the body of the bag and retain it in

position thereon without the intervention and independent of the frame, of which this hinge does not form a part, all as substantially shown and described.

2. In combination with the back frame and body of a traveling-bag, the independent hinge integrally combined with a corner-piece, by which latter the hinge is secured to the body of the bag and retained thereon, the ends of the back frame forming the pins of the hinge, all as substantially shown and described.

3. As a new article of manufacture, an independent hinge integrally combined with a corner-piece, whereby the whole is secured in place, the article to be used in connection with traveling-bags and consisting of the hinge proper, extension 13, and corner-piece 14, with lugs 15, all as substantially shown and described.

4. As a new article of manufacture to be used in connection with traveling-bags, an independent hinge integrally combined with a corner-piece, whereby the whole is held in place, said article consisting of the hinge proper, extension 13, and corner-piece 14, with lugs 15, one of said lugs extended, as shown at 17, to stiffen the body of the bag, all as substantially shown and described.

5. As a new article of manufacture to be used in connection with traveling-bags, an independent hinge integrally combined with a corner-piece, whereby the whole is held in place, said article being made out of sheet-iron or metal plate and formed out of a blank, as illustrated, said blank containing the hinge proper, extension 13, and corner-piece 14, with lugs 15, the whole being bent and shaped so as to form the article complete, all as substantially shown and described.

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

HENRY WAGNER.

Witnesses:

SAMUEL M. QUINN,
CARL SPENGEL.