

(No Model.)

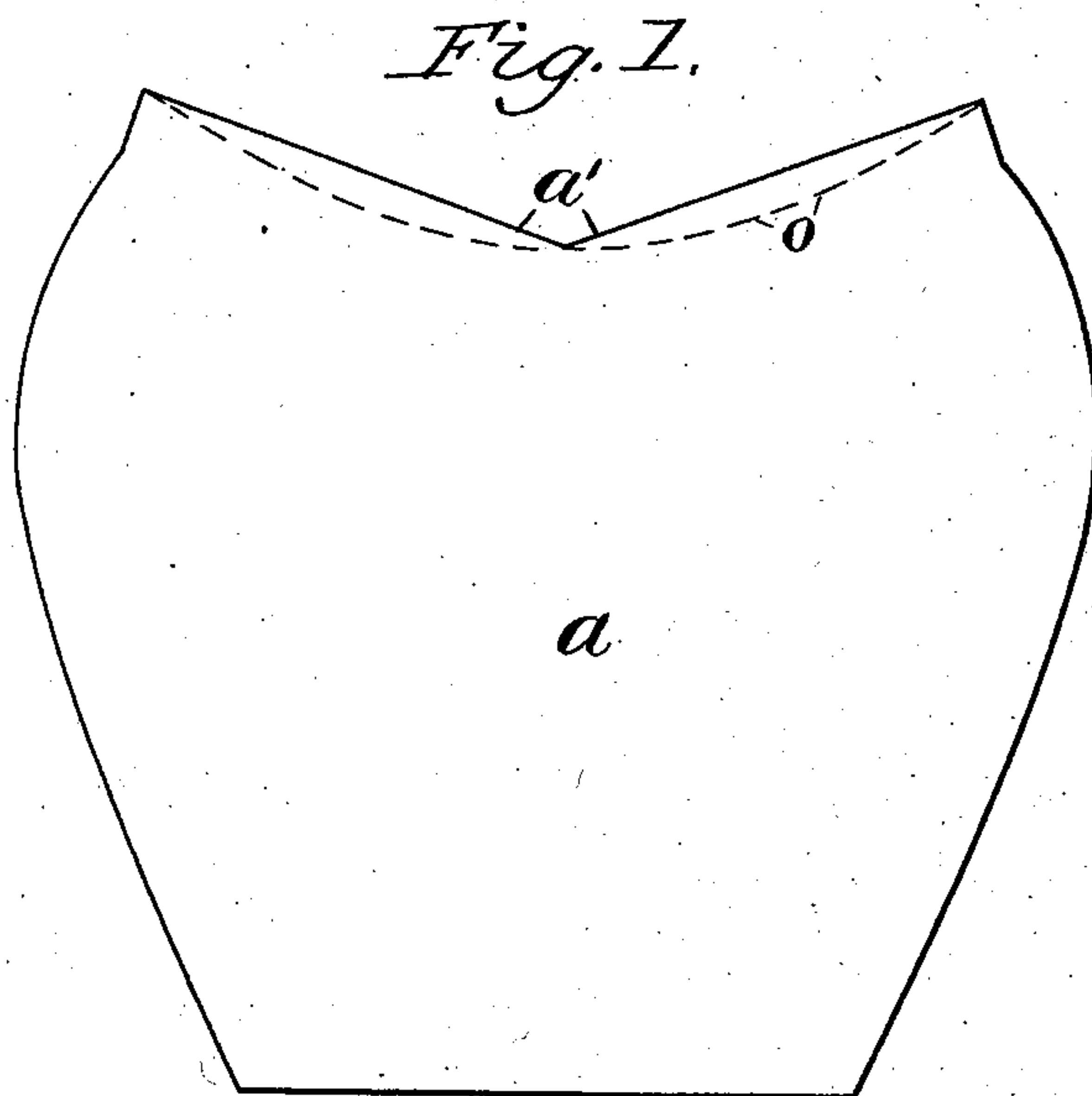
2 Sheets—Sheet 1.

F. C. SCHMIDT.

TRAVELING BAG.

No. 382,771.

Patented May 15, 1888.



Attest:
Thos. S. Crane
J. C. Fischer.

Inventor:
Friedrich C. Schmidt, per
Crane & Miller, attys.

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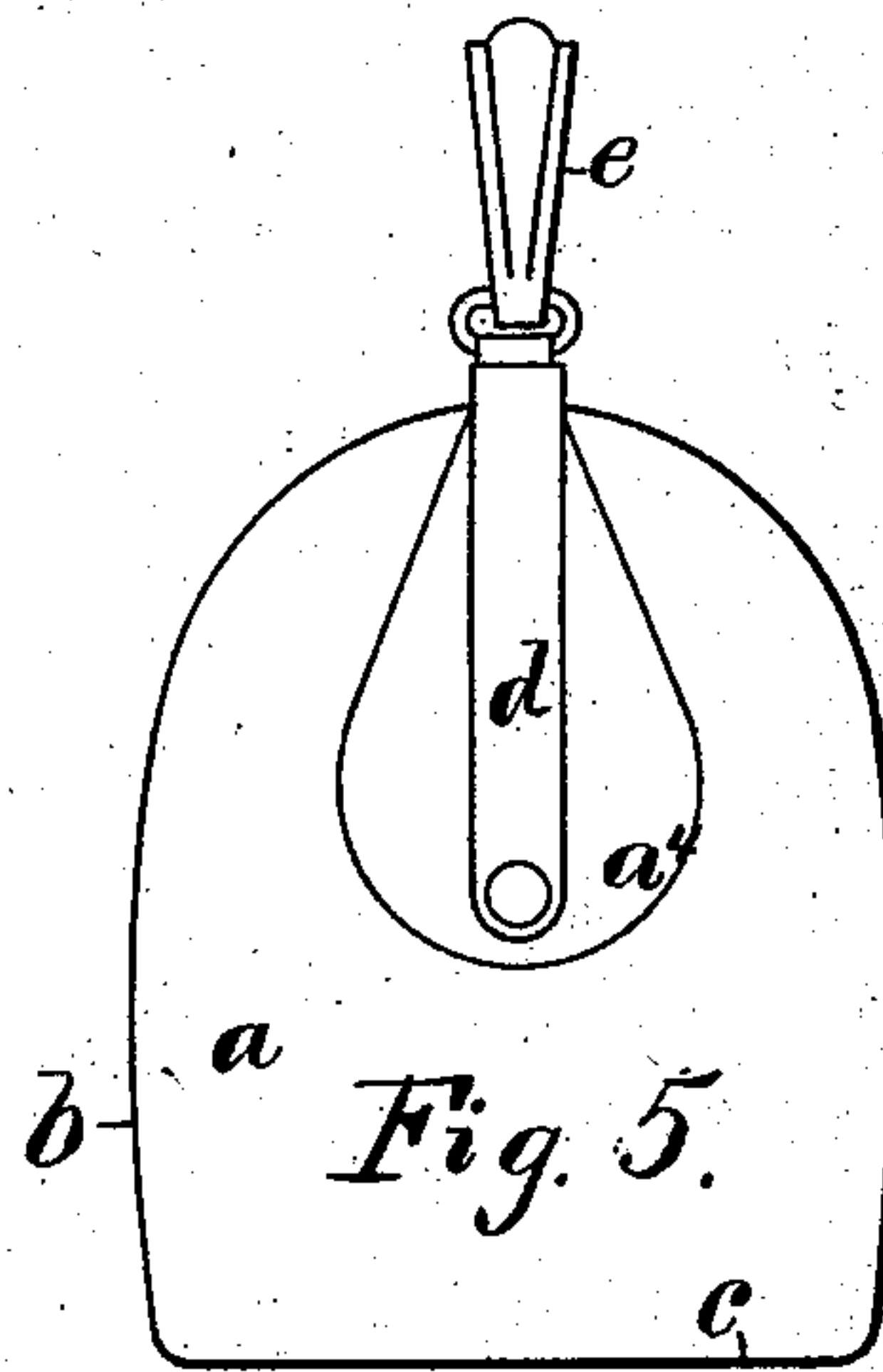
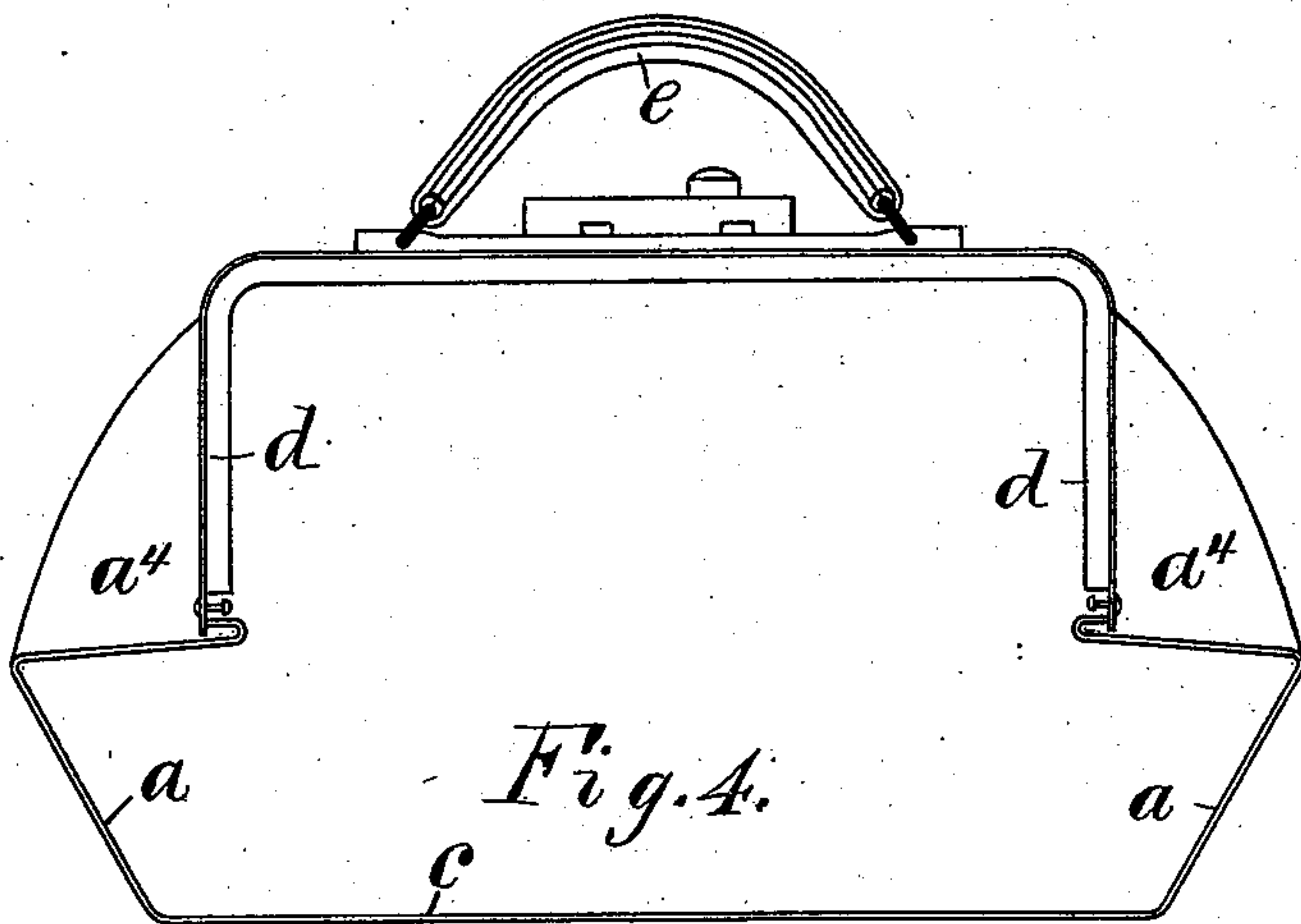
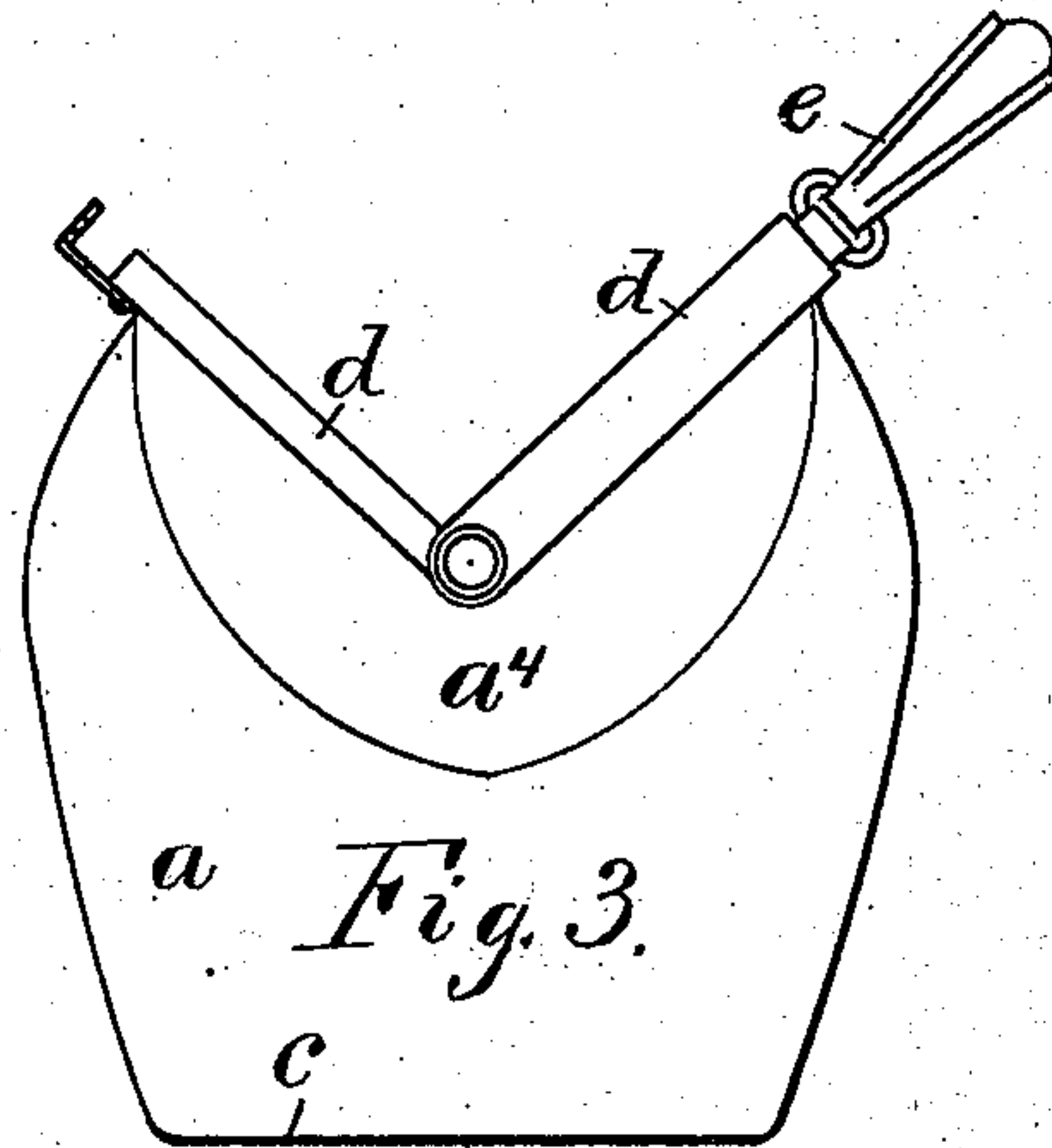
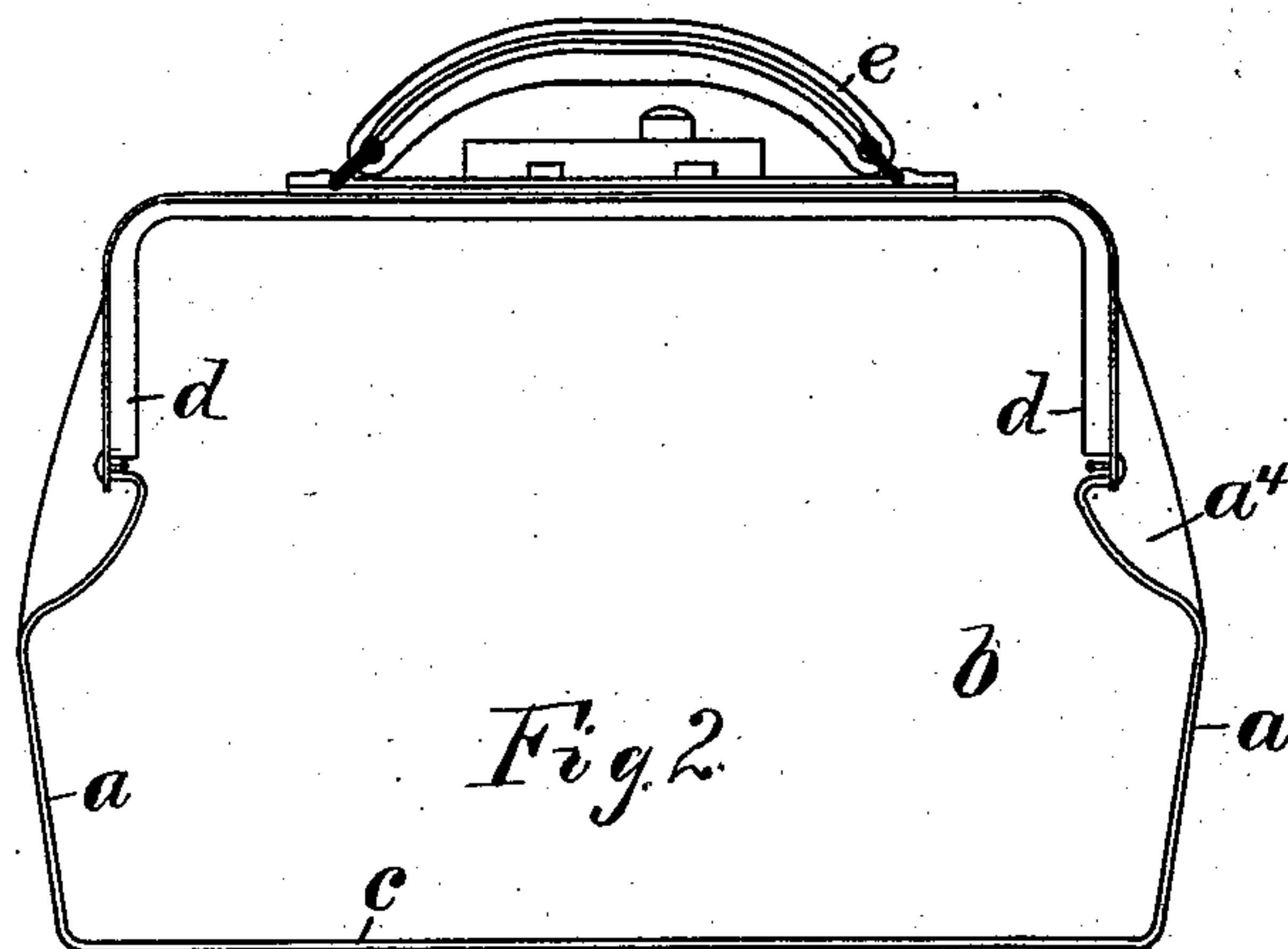
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J. L. Crane
F. C. Fischer.

Inventor.
Frederick C. Schmidt, per
Ernest Miller, atty.

UNITED STATES PATENT OFFICE.

FERDINAND C. SCHMIDT, OF NEWARK, NEW JERSEY.

TRAVELING-BAG.

SPECIFICATION forming part of Letters Patent No. 382,771, dated May 15, 1888.

Application filed February 2, 1888. Serial No. 262,824. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND C. SCHMIDT, a citizen of the United States, residing at Newark, Essex county, New Jersey, have invented certain new and useful Improvements in Satchels or Traveling-Bags, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention consists in an end piece or gusset for satchels or traveling-bags having its upper edge notched.

Heretofore gussets have always been made with their top edge either convex or straight, thus making it necessary to form an inwardly as well as outwardly projecting fold in the same in closing the bag, such effect being due to the excess of material in the gusset over that required when the bag is in its closed position. This inwardly-projecting fold occupies a large proportion of the space in the bag, which is entirely wasted, and my invention is designed principally to overcome this defect. By my construction not only is this excess of material in the gusset avoided, but a considerable saving of the stock from which the gusset is cut may be secured. These effects are produced without altering the general appearance of the satchel.

My invention will be more fully understood by reference to the annexed drawings, in which—

Figure 1 is a face view of a gusset of my construction before its application to the satchel. Figs. 2 and 3 are respectively a central longitudinal section and an end view of a satchel embodying my improvement, the same being shown in its open position and with one half of the frame removed to avoid obscuring the other parts. Figs. 4 and 5 are similar views of the same, but in its closed position.

Neither the lining nor the mode of fastening together of the several parts of the satchel is shown herein, as such elements form no part of my present invention.

a a are the end pieces or gussets, *b b* the side pieces, *c* the bottom piece, *d d* the frame, and *e* the handle, of the satchel, all such parts being arranged and fastened together in the usual manner.

The upper end of my form of gusset, as

shown in Fig. 1, is constructed with a notched or concaved edge, *a'*, such notch being deepest at the point of contact with the hinge of the satchel when applied thereto.

The edge may be formed of a continuous curve, *o*, or of two straight lines, *a'*, inclined inwardly and downwardly toward the middle of the gusset, as in Fig. 1. In either form the top edge of the gusset is inclined inwardly and downwardly toward its middle, and substantially the same results are produced.

a' is the outwardly-projecting fold in the gusset, which is formed by closing the bag.

By reference to Fig. 3 it will be seen that, although a gusset notched as above described is employed in the construction of the satchel, there is still enough stock in such gusset to admit of the opening of the satchel to the desired extent without stretching the same or even taking up all the slack in said gusset.

It will also be noticed by reference to Fig. 5 that when the bag having my form of gusset is closed the tendency of the gusset is to fold outwardly, while with the ordinary form of gusset the natural tendency in disposing of the excess of stock or material in the gusset when the bag is being closed is to bend both outwardly and inwardly to form outwardly and inwardly projecting folds.

In practice I cut the notch in the gusset of such depth that when applied to the bag or satchel the same may be opened to the desired extent.

It will be seen by reference to the drawings that the general appearance of the bag embodying my invention is substantially the same as that in which the ordinary form of gusset is used; and it is obvious that if the common form of gusset were folded only outwardly the shape of the bag would be very inconvenient for use and its appearance would be defaced. My improvement may be applied to any bag for which it is adapted, although intended chiefly for those with stiff bottoms, which hold the gusset rigidly at their lower ends.

I am aware that the defect in the ordinary form of bag or satchel produced by the inwardly-projecting fold in the gusset has been partly obviated by forming therein two outwardly-projecting folds instead of an outwardly

and an inwardly projecting fold, as has been common heretofore. My invention differs from this in avoiding the use of the excess of material in the gusset necessitating this second
5 fold, and has also the advantage of saving material in the stock from which the gusset is cut. I therefore disclaim the former construction.

I am also aware of British Patent No. 1,417
10 of 1876, in which an outline drawing of the end of the bag is employed to illustrate an attachment to the frame, and in which the end view of the bag corresponds in form with the shape of my improved gusset. Such an end
15 view of a bag may be produced with any form of gusset if drawn merely in outline, so as not to represent by shading the folds which unavoidably exist in the gusset around the hinge of the frame; and my invention does not con-
20 sist in forming a bag with such an end view, but in cutting the top of the gusset inwardly

and downwardly toward the middle from the upper corners before it is inserted in the bag to effect certain desired results. I disclaim the said British Patent No. 1,417 of 1876. 25

Having thus set forth my invention and distinguished it from others, what I claim herein is—

The combination, with the bag-frame and suitable bottom and side pieces, of end pieces 30 or gussets having their top edges cut before their insertion in the bag inwardly and downwardly from the upper corners toward the middle of the gusset, as and for the purpose set forth. 35

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

FERDINAND C. SCHMIDT.

Witnesses:

HENRY J. MILLER,
F. C. FISCHER.