

J. W. KNIGHT.
PAIL FOR OYSTERS.

No. 581,028.

Patented Apr. 20, 1897.

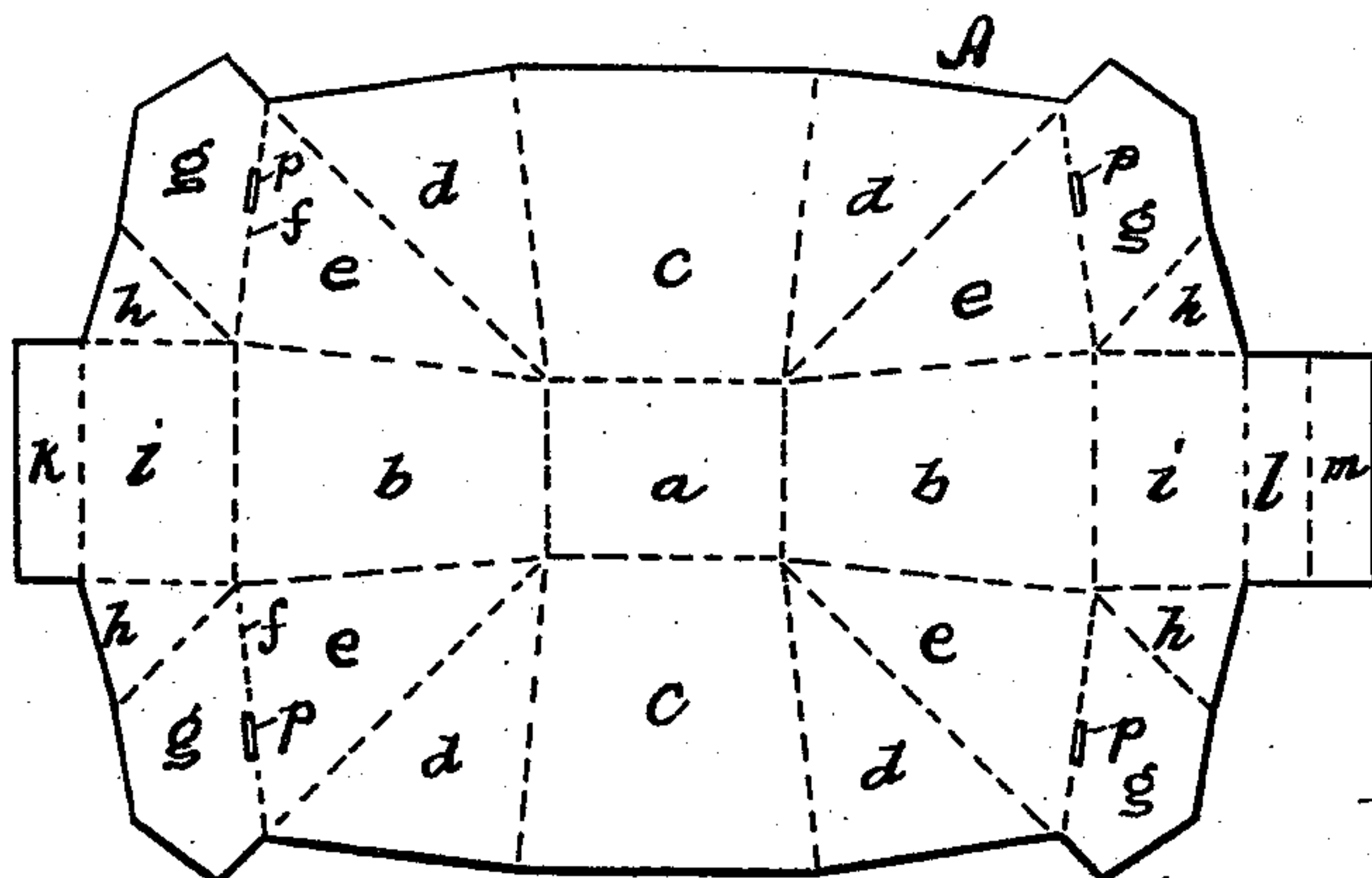


Fig 1.

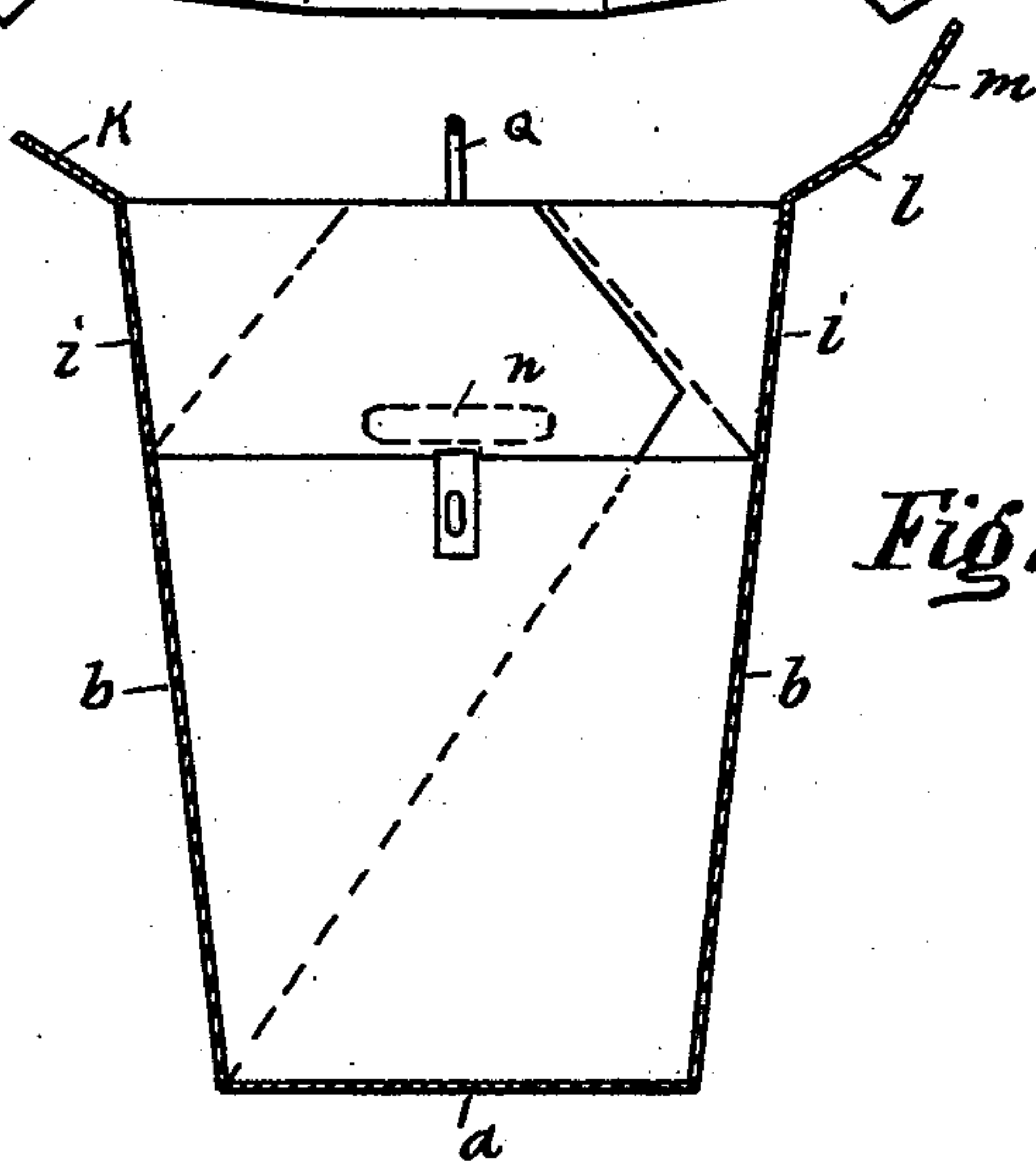


Fig 2

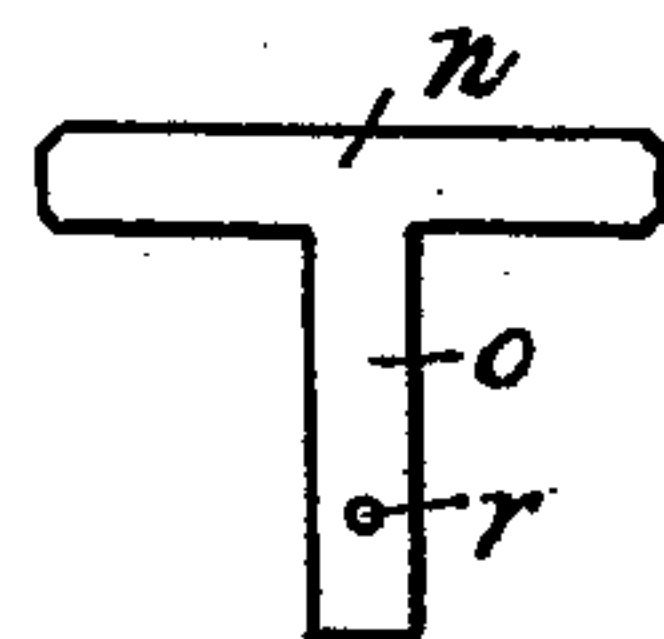


Fig 4.

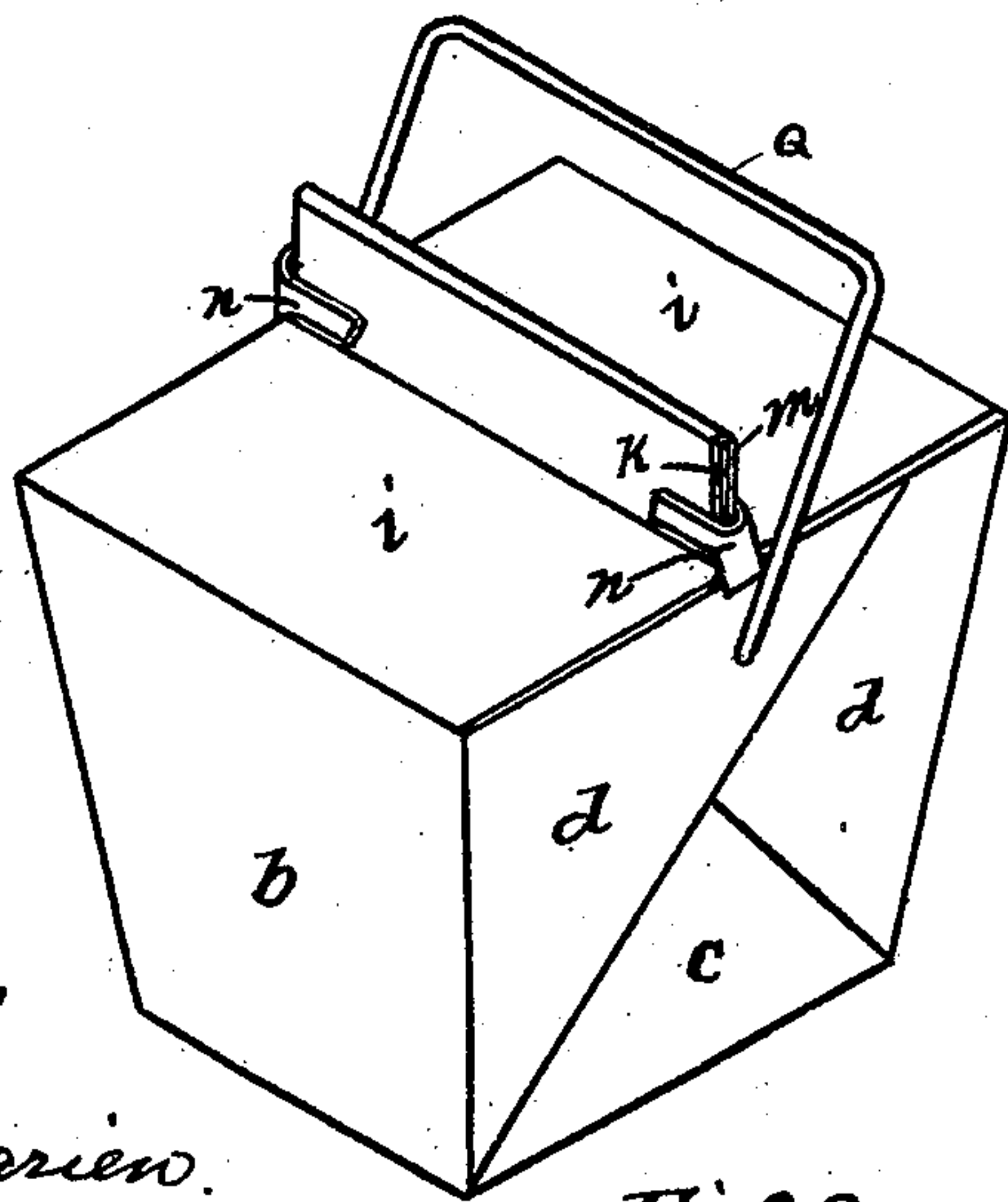


Fig 3.

Witnesses.

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(No Model.)

2 Sheets—Sheet 2.

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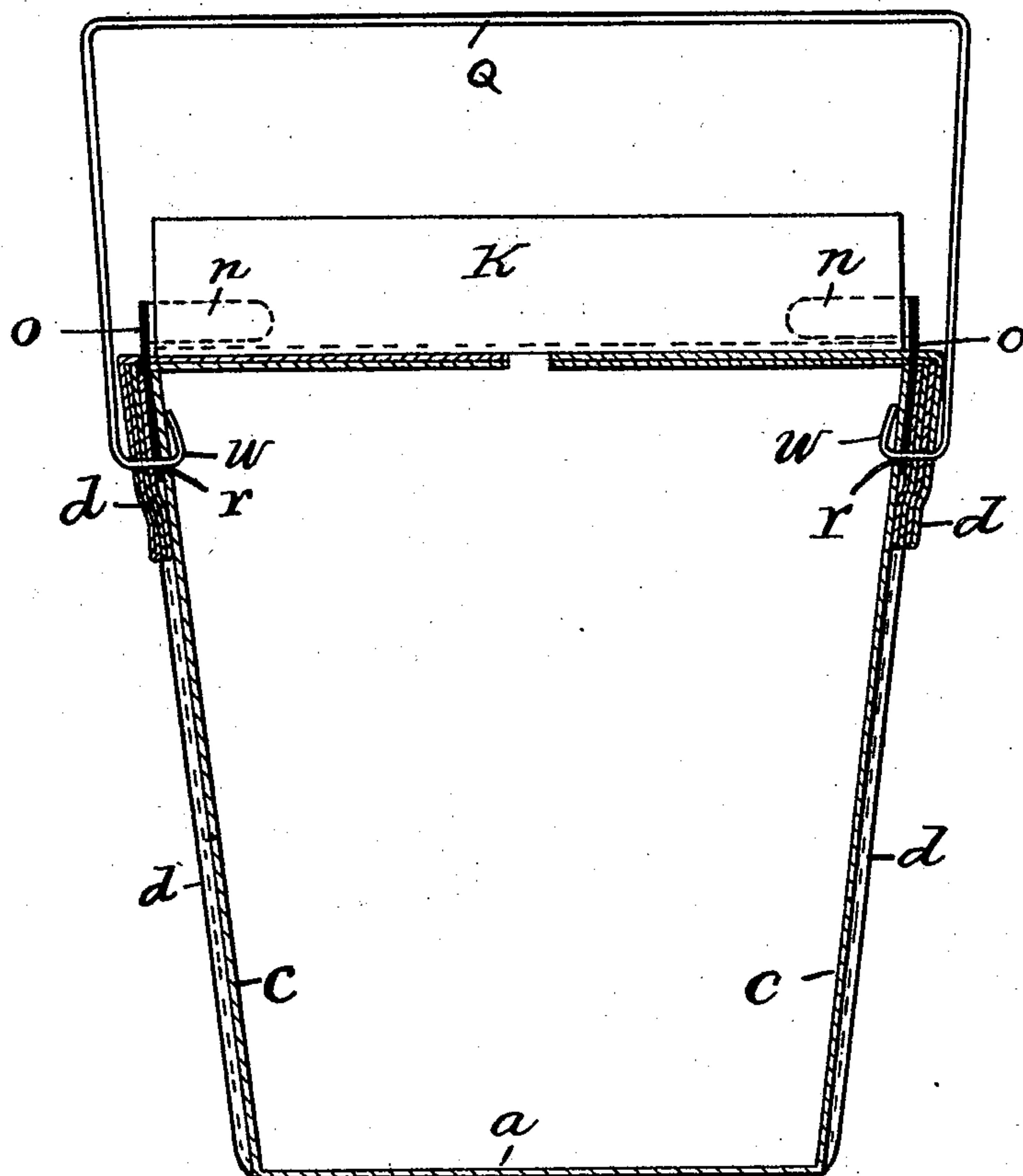


Fig. 5.

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UNITED STATES PATENT OFFICE.

JAMES W. KNIGHT, OF ANDERSON, INDIANA.

PAIL FOR OYSTERS.

SPECIFICATION forming part of Letters Patent No. 581,028, dated April 20, 1897.

Application filed June 27, 1896. Serial No. 597,127. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. KNIGHT, a citizen of the United States, residing at Anderson, in the county of Madison and State of Indiana, have invented certain new and useful Improvements in Pails for Oysters, &c.; 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 letters of reference marked thereon, which form a part of this specification.

The object of my invention is to produce a pail for oysters, &c., which can be made from heavy paper or strawboard, and which can be tightly sealed or closed on the top by a folding-lap joint formed on the ends of the flap extending the full width of the bucket centrally under the bail.

Another object of my invention is to combine with said bucket and folding-lap joint a metal clasp firmly anchored to the sides of the bucket and adapted to engage the said folding laps and to serve as a brace to hold the flaps down in position, each side of the laps thereby strengthening the bail-support and making a lateral brace of the folded laps, which prevent the bucket from collapsing or bulging when it is filled and supported by the bail.

The features of my invention will be more fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plan view of the blank from which the bucket is made. Fig. 2 is a central vertical section of the bucket, showing the flaps open. Fig. 3 is a perspective view of the bucket, showing the flaps folded and fastened by the clasp. Fig. 4 is a plan view of the metallic clasp, and Fig. 5 is a central vertical sectional view on a line with the bail.

A represents the blank with the lines scored for allowing the blank to be folded into bucket form.

a represents that portion of the blank which forms the bottom of the bucket; *b b*, two of the sides thereof; *c c*, the remaining sides.

d d d d represent the outside parts of the V-shaped side folding flaps, and *e e e e* represent the inside portion of said V-shaped side

flaps. The sections *d e* are folded together on the scored lines *f*.

g h represent top flaps which fold over each other from each of the sides *d d*.

The cover is formed by the flaps *i i*, which are folded over in the usual manner, and the vital feature of my invention consists in the manner in which the two parts of the cover are connected at the center and secured by means of a simple device, which combined form a stiff and reliable brace for the cover and upper portions of the vessel, effectually preventing collapse without resorting to additional attachments other than may of necessity be required in this form of construction. One of the flaps *i* is scored across near the end, providing a lap *k*, which, when the cover is in position, is turned up and remains vertical to the plane of the cover, extending from side to side of the body of the vessel. The other flap *i* is scored on two parallel lines providing the lap *l* and extended lap *m*. When this part of the cover is in position, the laps *l m* are turned upward against the lap *k*, and the lap *m* is then turned down over the lap *k*, thus covering the joint at the top of the vertical portions.

An essential element of my invention is the clamp, Fig. 4, made of flexible metal in the form of a T, having the bar *n* and leg *o*, the latter having a perforation *r* to receive the hook of a bail. In some cases instead of the exact form shown I form the bar *n* with the ends turned upward at a slight angle. The leg *o* of the clamp is inserted through the slots *p*, pierced in the flaps, as shown in Fig. 1, and which when folded are brought into the same plane and opposite the bail.

Q represents the bail, the hook ends *w* of which are passed through the paper and through the perforation *r* in the leg *o*. They thus anchor the clamps in position. When the laps are brought together, as shown in Fig. 3, the wings of the clamp *n* are bent around and engage the vertical laps *l m*. The lower edges of the wings of the clamps rest on the flaps *i* and the clamps being anchored to the sides hold these flaps down. The laps *l m* are held together by the clamps, and they form a lateral brace across the bucket from side to side and prevent the bucket from bulging or collapsing when suspended by the bail.

These clasps are readily attached and detached, allowing the bucket to be readily opened and closed, and they securely hold the laps together and form a close or sealed joint for the bucket-cover, and hence a paper bucket is obtained which can carry liquids without danger of the bucket collapsing or spilling the liquid.

Having described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a paper vessel, the combination, with the body or sides formed of a blank scored and bent into shape, the extended ends of two of which sides form the cover, of the upturned lap *k* integral with one portion of said cover; the folding-over double lap *m l* integral with the opposite portion of said cover, said folding-over lap inclosing said upturned lap; the clamps formed of a flexible metallic piece *n* having an integral vertical leg *o* in which is a perforation *r*, said legs being inserted through suitable slots in the sides of said vessel at the ends of said vertical lap, and the ends of said clamp-piece being bent together one at each side of the ends of said folding-over lap, so that the lower edges of said ends press against the tops of said cover, with a bail having suitable hooked ends passing

through the perforations in said legs and through suitable perforations in the sides of said vessel, whereby said clamp is secured, substantially as and for the purposes shown and described.

2. In a folded paper vessel, the combination with the two-part cover, of the upturned lap integral with one of said parts; the double folding-over lap integral with the other of said parts, said double lap being folded over and covering the upper edge and both sides of said upturned lap; the clamp having the approximately horizontal portion and the leg integral therewith, the ends or wings of said clamp being bent together embracing the two sides of said folding-over laps and the lower edges of which bear against the top of said cover, and means whereby said legs may be secured to the body of said vessel adjacent to the ends of said upturned laps substantially as shown and described for the purposes set forth.

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

JAMES W. KNIGHT.

Witnesses:

JNO. S. THURMAN,
E. T. SILVIUS.