

G. W. BANKER.

CAN-SHIELD.

No. 174,934.

Patented March 21, 1876.

Fig. 2.

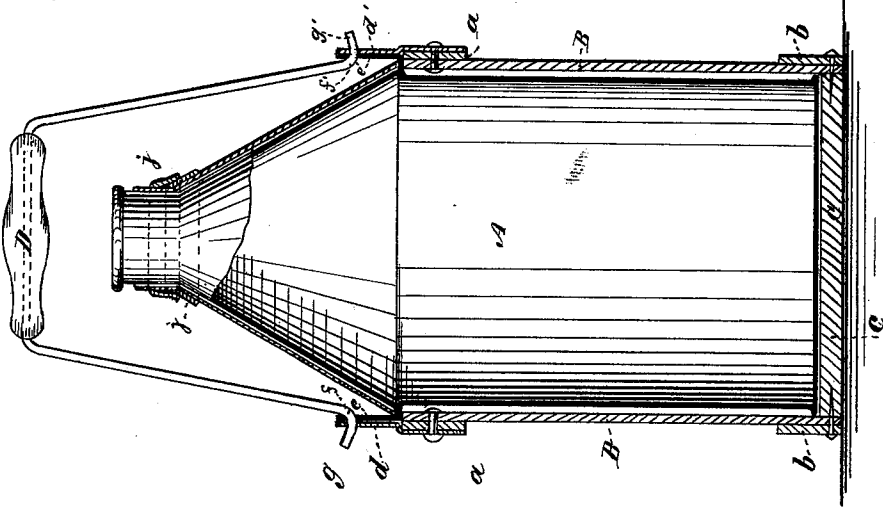


Fig. 1.

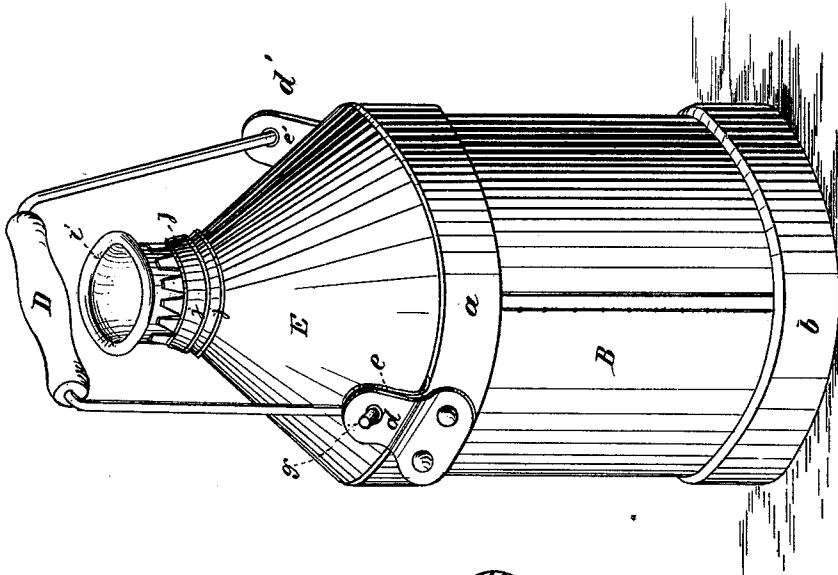
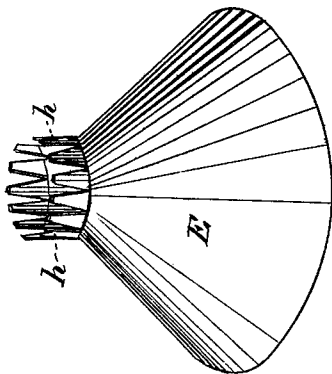


Fig. 3.



Witnesses:

Henry Eichling.
B. S. Clark.

Inventor:

Geo. W. Banker

UNITED STATES PATENT OFFICE.

GEORGE W. BANKER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN CAN-SHIELDS.

Specification forming part of Letters Patent No. **174,934**, dated March 21, 1876; application filed February 17, 1876.

To all whom it may concern:

Be it known that I, GEORGE W. BANKER, of Brooklyn, Kings county and State of New York, have invented a new and useful Detachable Shield for Shipping-Cans or Demijohns, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof.

My invention relates to a can for holding fluid, inclosed in a case, formed of wood or other suitable material, that shall serve as a protection for the can; and consists in combining with the can a case, the can being placed within the case, and each provided with ears for a bail or handle, the said ears on each side of the can and case coinciding with each other, so that the ends of the bail or handle may pass through the ears of both the can and the case, whereby they are connected together, such bail or handle being preferably so formed, of elastic wire or some other suitable elastic material, that it may be at pleasure detached from the ears, and the can and case be thereby disconnected from each other, the elasticity of the handle keeping its ends in the ears, when not designedly and forcibly removed therefrom. It consists, also, in the combination with a can, cased as herein described and shown, when the can is formed with a conical or pitch top, of a shield made of paper, thin wood, or some other similar suitable material, formed to fit to the conical or pitch top, the upper end or neck of the same being confined to the neck of the can by an elastic band or its equivalent, whereby the said shield, which is made separate from the body of the case, may be readily removed from the top of the can without change of structure, and replaced and made to remain securely thereon.

Figure 1 is a perspective view of a cased can containing my invention. Fig. 2 is a vertical central section of the same, and Fig. 3 is a perspective view of the shield for the top of the can.

A is the can, which may be of sheet metal or glass, preferably of metal. B is the case for the body of the can. It may be made of thick paper-board, or of wood in a single piece, or a number of pieces in the form of staves or bands. Preferably, when the can

has a conical or pitch top, as shown in the drawings, the case is made to extend only to the top of the body of the can, as represented in Figs. 1 and 2, and it may be strengthened by bands or hoops *a b*. The body of the can should fit snugly and fairly into the case and rest on the bottom *c*. The case is provided with two ears, *d d'*, that are secured thereto, and may extend somewhat above the upper open end of the case. The can is also provided with two corresponding ears, *e e'*, secured thereto. These ears are so formed and placed that when the can is put into the case, they will coincide with the ears on the case, the holes in the former being opposite those in the latter, so that the bent ends *f f'* of the bail may pass through both, as shown in the drawings, Figs. 1 and 2. D is the bail or handle, represented as made of wire, bent into the proper form. The ends *g g* are turned at a little more than at right angles, so that when inserted through the ears they will not be withdrawn when the can and case are lifted by the handle. Preferably, however, the ends should not be bent so much but what they may be withdrawn from the ears by simply springing them inward. E is a shield, made of wood, paper, or some other suitable material, in form to fit snugly upon the top of the can. The neck *h* of this shield is made expansible and contractable by having gores or steps, one or more made on it, whereby it may be passed over the nozzle *i* of the can and then contracted to closely encircle the neck of the can by means of an elastic band, *j*, of rubber or some other suitable material.

The operation, the convenience, and the utility of the combined can and case are alike obvious. The can is manifestly fully protected by the case. It is readily and conveniently placed within and removed from the case, and when within it is securely held there by the bail passing through the ears of both case and can. The shield is cheaply made, readily applied, securely held in place, provides protection for the pitch top of the can, and may be conveniently removed without change of its structure.

Those familiar with the requirements of the trade in the matter of cased cans and demi-

johns will at once recognize the importance of the peculiar features of the invention here described. It is necessary that vessels for the transportation of fluids should be exposed to inspection at pleasure, after being filled, to ascertain whether there is any leakage. This is impossible, or at least very inconvenient and difficult, where the can is permanently inclosed in the case, so that it cannot be removed therefrom without change of structure in the latter. It is therefore obviously important to have the fluid holding vessel provided with a case which shall afford complete protection to the can, and at the same time permit the can to be readily removed from it and readily replaced within it at pleasure. My invention manifestly accomplishes these objects very perfectly.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A combined can and case, with corresponding ears on each, held together by a bail or handle, the ends of which pass through the ears of both, as described.

2. The cased can A B, combined with the shield E, provided with a yielding neck, *h*, as and for the purpose described.

In witness whereof I have hereunto set my hand this 15th day of February, 1876.

GEO. W. BANKER.

Witnesses:

B. S. CLARK,
FRED. E. BOND.