Sept. 25, 1923. 1,468,808

V. HAMILTON

BOTTLE PROTECTOR

Filed March 23, 1922

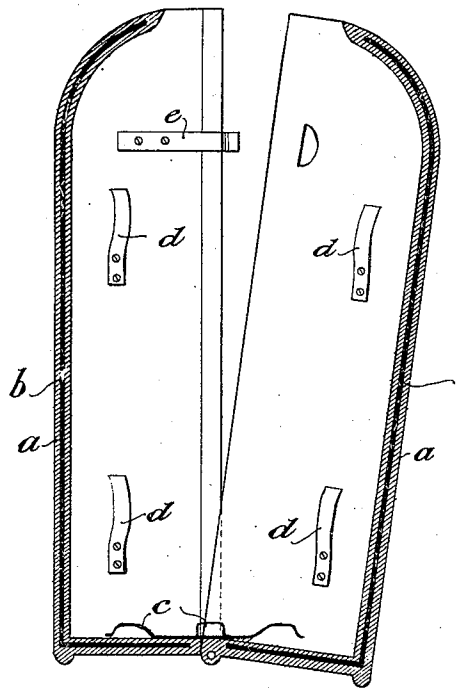


FIG 1

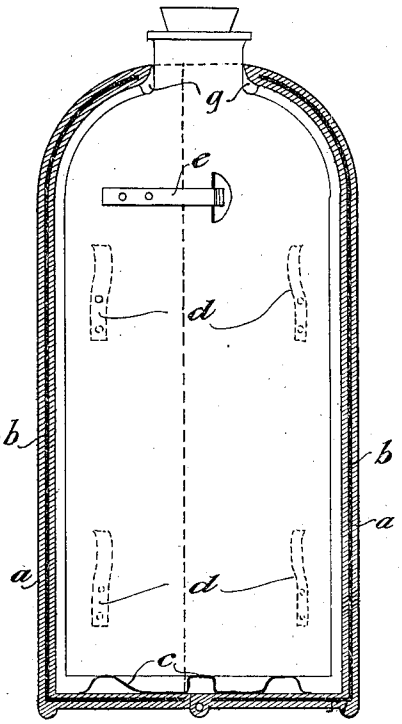


FIG 2

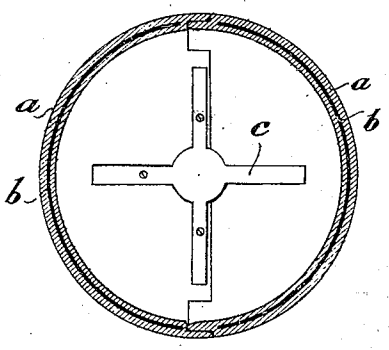


FIG 3

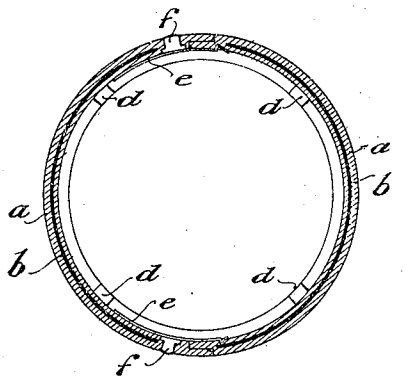


FIG 4

Witnesses:
E. Hamil
E. Gray

Victor Hamilton

Inventor.

Patented Sept. 25, 1923. 1,468,808

UNITED STATES PATENT OFFICE.

VICTOR HAMILTON, OF CALGARY, PROVINCE OF ALBERTA, CANADA.

BOTTLE PROTECTOR.

Application filed March 23, 1922. Serial No. 546,171.

To all whom it may concern:

Be it known that I, VICTOR HAMILTON, an American citizen, residing at Calgary, in the Province of Alberta, in the Dominion of Canada, have invented a new and useful Bottle Protector, of which the following is a specification.

My invention relates to improvements in a bottle protector in which a laminated casing is made in two halves hinged together and provided with resilient spring members interiorly to prevent breakage through sudden jar, the casing being of nonconducting material to retard the passage of heat from the bottle to the atmosphere.

The invention is illustrated in the accompanying drawings, in which—

Fig. 1 is a longitudinal section showing the two members hinged together and open for receiving a bottle.

Fig. 2 is a longitudinal section showing in outline the bottle in place.

Fig. 3 is a horizontal cross section showing the base plate.

Fig. 4 is a horizontal cross section through the body portion showing the resilient side spring members.

Similar characters refer to similar parts throughout the several views.

a, is the body member built up in two parts half the base being formed upon each part and the materials of the body member being arranged in layers with an asbestos strip between them as shown at *b*; *c* is a resilient 4 armed spiny member secured to the base of the container and on which the bottle rests, *d* shows the side spring resilient members of which there are a number all spaced around the interior of the casing and extending inwardly. *e*, are securing snap springs one being mounted near the top of the casing which hold the two parts of the body member in the closed position. *f* are push buttons on opposite sides of the casing to release the casing members by co-acting upon the springs *e*, upon simultaneous exertion of pressure on both buttons. *g* is a resilient pad which may be of any material suitable to engage between the bottle and the protector and may be in the form of a ring around the bottle such for instance as the thick band of a feeding nipple.

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

An article of the character described comprising a laminated casing formed in two corresponding parts or halves which parts are hinged together at their base. Perpendicular spring members disposed at intervals upon the interior faces of the said members, a base spring in the form of a cross secured to the interior surface of the base of one of the said casing members, oppositely disposed spring clips mounted interiorly upon one of the said casing members engaging in slots upon the interior of the other casing member and releasing buttons mounted adjacent the said springs to co-act upon the said spring clips to open the receptacle upon the hinged joint in the base of the said casing for the insertion of a bottle.

VICTOR HAMILTON.

Witnesses:
ERIC L. HARME,
MAE ACTON.