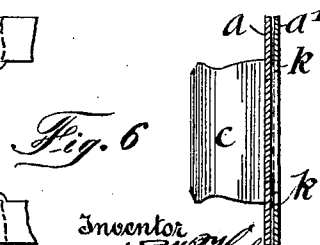
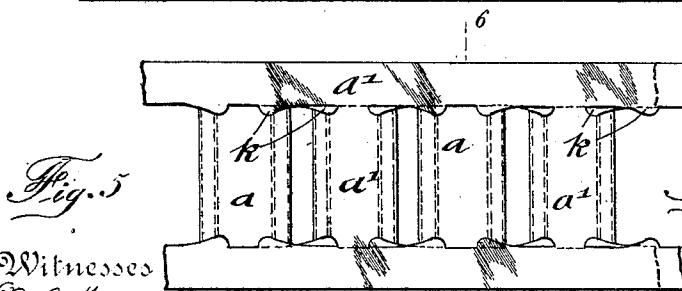
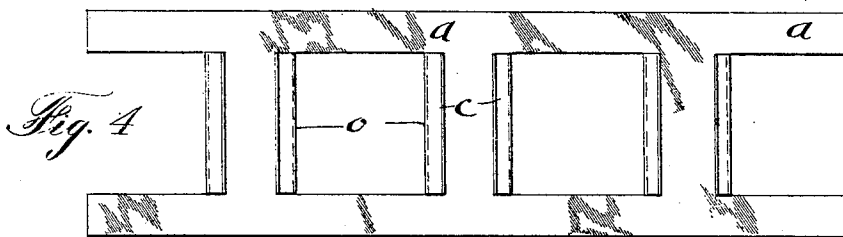
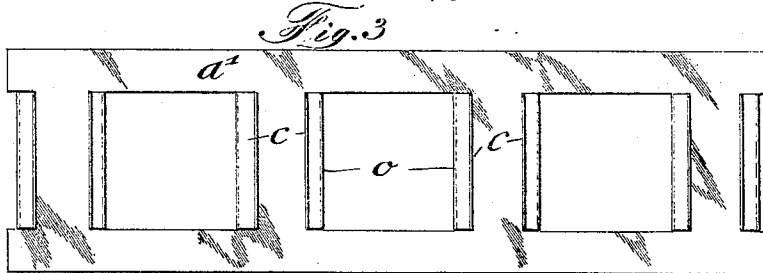
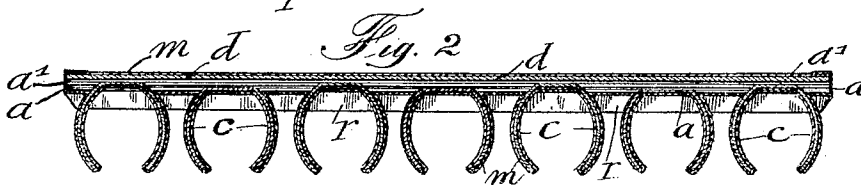
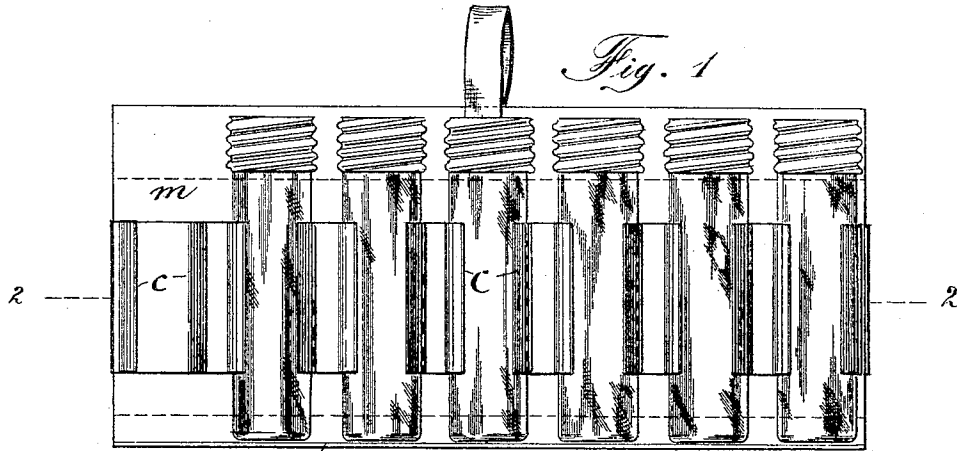


No. 795,510.

PATENTED JULY 25, 1905.

A. W. HOFF.
BOTTLE HOLDER FOR MEDICINE CASES.
APPLICATION FILED NOV. 8, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

AUGUSTUS W. HOFF, OF NEW YORK, N. Y.

BOTTLE-HOLDER FOR MEDICINE-CASES.

No. 795,510.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed November 8, 1904. Serial No. 231,942.

To all whom it may concern:

Be it known that I, AUGUSTUS W. HOFF, a citizen of the United States, residing in New York, borough of Brooklyn, in the State of New York, have invented certain new and useful Improvements in Bottle-Holders for Medicine-Cases, of which the following is a specification.

This invention relates to bottle-holders, and more particularly to those such as used for medicine-cases, show-cards, and similar devices, the object of the invention being to provide a bottle-holder of simple construction which exerts a firm clamping action on the bottles to be held, and thereby obviates the displacement and consequent breakage of the same.

The invention also contemplates the provision of a bottle-holding device, the component parts of which may be readily assembled, said parts when in such assembled position being securely maintained against dislocation; and with these and other objects and advantages in view the invention consists in a bottle-holder embodying the novel features and combinations of parts to be hereinafter described and claimed.

In the accompanying drawings, illustrative of one embodiment of the invention, Figure 1 is a front view of a bottle-holding device such as used for medicine-cases, show-cards, &c. Fig. 2 is a horizontal section on line 2 2, Fig. 1. Figs. 3 and 4 are detail front views of the two interlocking strips of which each bottle-holder is composed, shown as separated from each other. Fig. 5 is a rear elevation of my improved bottle-holder provided with stop devices for locking the strips against longitudinally-shifting motion; and Fig. 6 is a vertical transverse section on line 6 6, Fig. 5.

Similar letters of reference indicate corresponding parts.

My improved bottle-holder for medicine-cases, show-cards, and other applications is composed of two separate interlocking sheet-metal strips *a a'*, each of which is provided with rectangular openings *o* of sufficient size to permit the stock of the metal to be bent up into spring-clamps *c* along the side edges of each recess, as shown clearly in Figs. 3 and 4. The strips *a a'* are made from the same die in any desired length and are then cut off to the size required for the special application—that is to say, for the length of the

backing on which the bottle-holders are attached when placed in the medicine-chest or of the width of the show-card on which the bottles are supported. Said strips are interlocked with each other, so that the clamp or holder of one strip is passed centrally through the recesses of the other strip, whereby adjacent bottle clamps or holders are formed, as shown in Fig. 2.

Before the strips, with their clamps, are passed through the recesses of the covering-strips the clamps are shaped by suitable dies. After the strips are interlocked with each other the clamps that are passed through the recesses of the front strip are properly centered relatively to the adjacent clamps and the strips then attached to a backing *d*, of pasteboard or other suitable material, and covered by a covering *m*, of leather or the like, as shown in Figs. 1 and 2. The clamps may, however, be finished by plating, japanning, or otherwise. A closely-arranged series of bottle-holders is thus formed, as shown in Figs. 1 and 2, said holders being obtained without loss of stock from the two recessed strips provided with bent-up clamps at the side edges of the recesses. A suitable rim *r* may be attached in any suitable manner to the device, said rim serving to prevent the downward movement of the bottles.

When it is desired to interlock the two strips so as to prevent any longitudinally-shifting motion between the same and produce thereby the uniform distance of the individual clamps from each other, the individual strips are each provided at the upper and lower edges of each recess with an intermediate pair of spaced lugs *k*, adjacent to the rear portion of the clamps of the other strip, so that the lugs of the outer strip interlock with the clamps of the inner strip and hold thereby the two strips rigidly in position. As these lugs are cut from the full strips, the upper and lower edges of the clamps are provided with recesses corresponding to the lugs, which, however, form no objection to the convenient use of the same. In most cases, however, especially when the supporting strips and clamps are to be covered with suitable material, the locking-lugs would not be required, as the covering fabric would be sufficient for holding the interlocking strips in position relatively to each other.

The improved bottle-holder can be furnished in strips of any length and then cut to

the proper shape for the special object for which they are required. The individual strips after being cut out by suitable dies with the clamp bent up from the stock of the strip can readily pass through and interlock with each other and then be used for the purpose required, thereby forming very convenient and reliable bottle-holders for medicine-cases and other purposes.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A bottle-holder for medicine-cases, comprising an outer strip provided with bottle-holding clamps and a plurality of recesses, and an inner strip having bottle-holding clamps projecting through said recesses.

2. A bottle-holder for medicine-cases, comprising an outer strip provided with a plurality of recesses and bottle-holding clamps bent up from the edges of said recesses, and an inner strip having bottle-holding clamps projecting through said recesses.

3. A bottle-holder for medicine-cases, comprising an outer strip provided with a plurality of rectangular recesses and with bottle-holding clamps bent up from the side edges of said recesses, and an inner strip having bottle-holding clamps projecting through said recesses.

4. A bottle-holder for medicine-cases, comprising contiguous strips provided with recesses and with bottle-holding clamps bent up from the edges of said recesses, the clamps

of one strip being passed through the recesses of the other strip.

5. A bottle-holder for medicine-cases, comprising interlocking strips each provided with recesses and bottle-holding spring-clamps bent up integral therewith at the edges of said recesses, the clamps of one strip being passed through the recesses of the other strip and being adjacent the clamps thereof.

6. A bottle-holder for medicine-cases, comprising two parallel strips, each provided with recesses and bottle-holding clamps bent up integral with the strips at the edges of said recesses, and means integral with the strips at the edges of said recesses for locking the strips against independent longitudinal movement.

7. A bottle-holder for medicine-cases, comprising two separate overlapping strips, each provided with recesses and bottle-holding clamps bent up integral with the strips at the side edges of said recesses, and lugs at the upper and lower edges of the recesses at both sides of said clamps for locking the strips and clamps against longitudinal displacement.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

AUGUSTUS W. HOFF.

Witnesses:

PAUL GOEPEL,
HENRY J. SUHRBIER.