No. 647,203. Patented Apr. 10, 1900.

W. E. SIMONDS.

TILTING BOX.

(Application filed Oct. 30, 1899.)

(No Model.)

Fig. 2

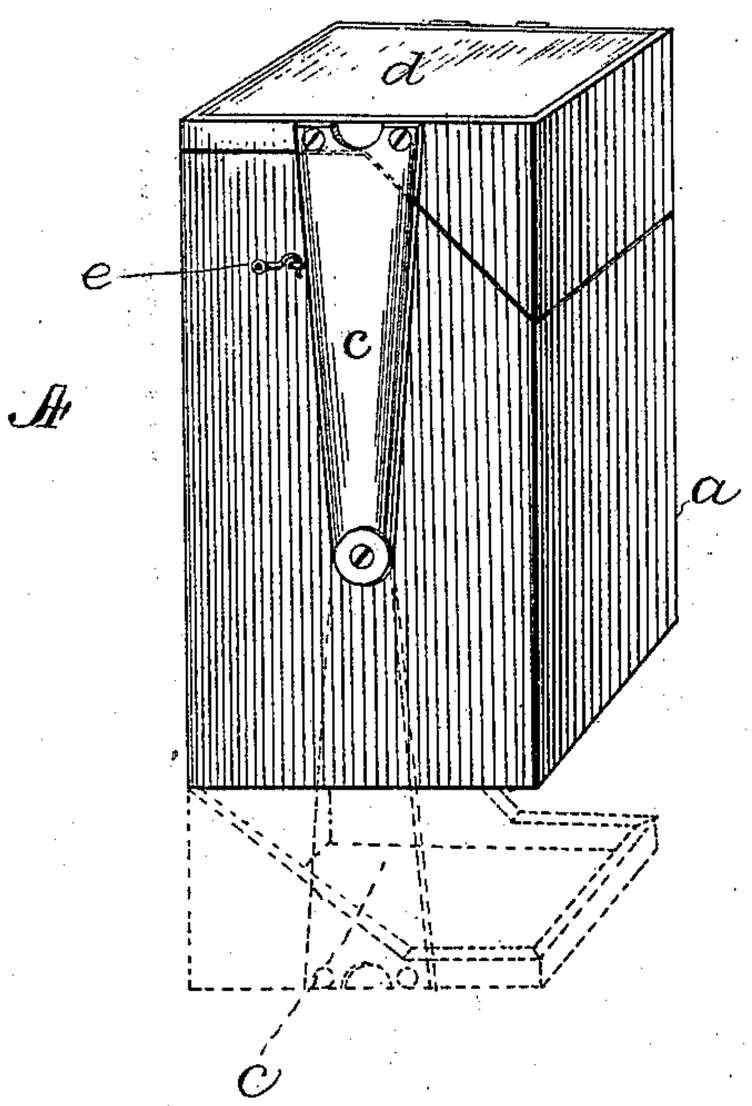


Fig. 3

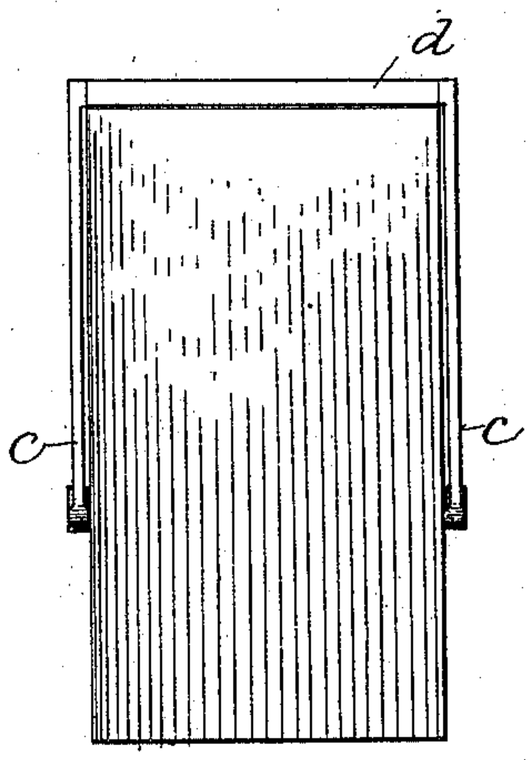
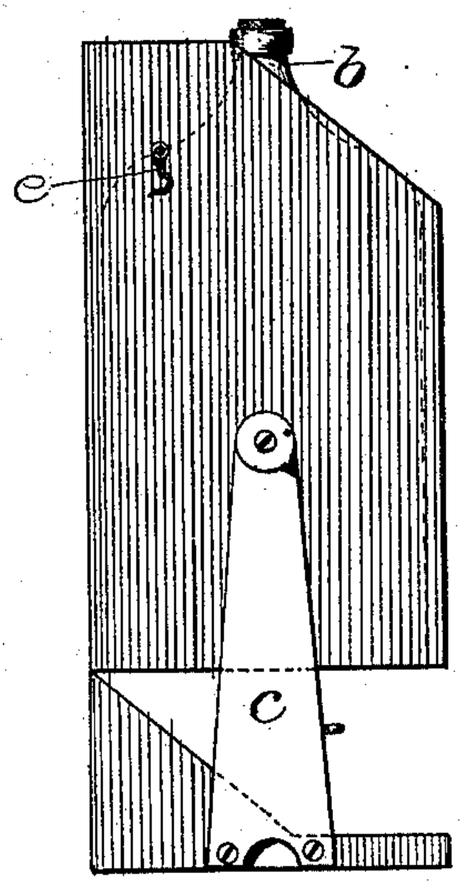


Fig. 1



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM E. SIMONDS, OF CANTON, CONNECTICUT.

TILTING BOX.

SPECIFICATION forming part of Letters Patent No. 647,203, dated April 10, 1900.

Application filed October 30, 1899. Serial No. 735,181. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. SIMONDS, a citizen of the United States of America, residing at Canton, in the county of Hartford and State of Connecticut, (post-office address Hartford, Connecticut,) have invented a certain new and useful Improvement in Tilting Boxes, of which the following is a description, reference being had to the accompanying drawings, wherein—

Figure 1 is a side view of a tilting box embodying said improvement. Fig. 2 is a view in mechanical perspective of the same box with the arm-connecting plate swung up in position to cover the box. It shows in dotted lines that adjustment of the arms and arm-connecting plate which is shown in Fig. 1. Fig. 3 is a view of the same box in the adjustment of Fig. 2 from the point A.

The object of the improvement is the production of a tilting package especially useful for carrying a large bottle of liquid and having features of novelty and advantage.

In the accompanying drawings the letter *a* denotes the box, and *b* the bottle contained therein.

The letter *c* denotes two arms, which are pivotally attached to the box at fixed points. This attachment of these arms to the box at fixed points is an essential part of the invention. It gives, among other things, strength, simplicity, and efficiency.

The letter *d* denotes a plate connecting the arms *c*.

When the parts so far described are in the position indicated in Fig. 2, then the arms and their connection are supported by the box and the connecting-plate *d* covers the box. The parts may be retained in this adjustment by any suitable lock, hook, or catch *e*.

When the parts so far described are in the position indicated in Fig. 1, the connected arms *c* support the box and allow it to tilt or partially rotate on its bearings, so that the contents of the bottle may be readily poured out. The first of these adjustments may well be called the "closed" adjustment.

The upper end of the box is beveled, as illustrated in the drawings, and the plate *d* carries parts which correspond to this bevel, giving as one result a complete box structure when the parts are in the position shown in Figs. 2 and 3. Another result of this beveled construction is that the top of the bottle is allowed to project above the bevel, so as the more readily to permit one to pour out its contents.

I claim as my improvement—

1. The box, in combination with the connected arms pivotally attached to the box at fixed points and adapted to pivotally support the box when said arms are extended downwardly from said fixed points of pivotal attachment and to be supported by the box when said arms are extended upwardly from said fixed points of pivotal attachment, all substantially as described and for the purposes set forth.

2. The box, in combination with the connecting-plate and the arms pivotally attached to the box at fixed points and adapted to pivotally support the box when said arms are extended downwardly from said fixed points of pivotal attachment and to be supported by the box and—through the medium of said connecting-plate—cover the box when the arms are extended upwardly from said fixed points of pivotal attachment, all substantially as described and for the purposes set forth.

3. In combination, the box with beveled upper end, the arms pivotally attached to said box at fixed points, and the arm-connecting plate carrying side parts adapted in the closed adjustment of the package to fill that part of the box cut away in the formation of said bevel, said arms and plate adapted to pivotally support the box when said arms are extended downwardly from the said fixed points and to be supported by the box and—through the medium of said connecting-plate—cover the box when the arms are extended upwardly from said fixed points, all substantially as described and for the purposes set forth.

WILLIAM E. SIMONDS.

Witnesses:
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