

(No Model.)

H. S. BREWINGTON.
COMBINED CUSPIDOR AND TOY FIGURE.

No. 464,273.

Patented Dec. 1, 1891.



Fig. 1.

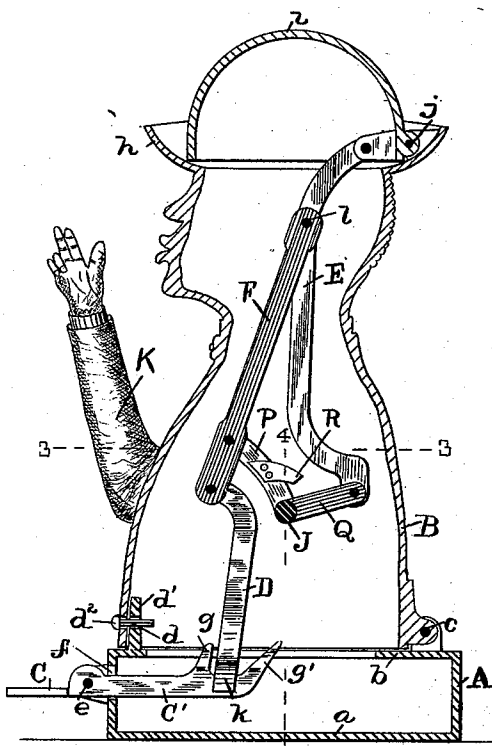


Fig. 2.

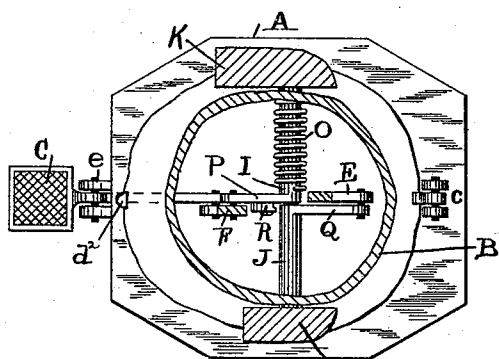


Fig. 3.

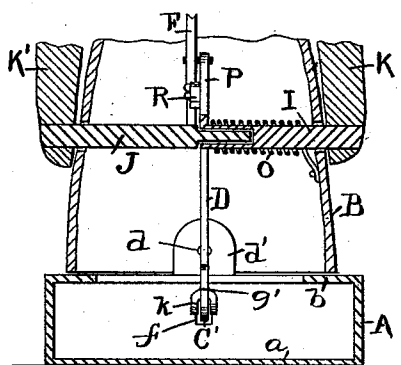


Fig. 4.

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COMBINED CUSPIDOR AND TOY FIGURE.

SPECIFICATION forming part of Letters Patent No. 464,273, dated December 1, 1891.

Application filed August 4, 1891. Serial No. 401,686. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. BREWINGTON, a citizen of the United States, residing at Baltimore city, in the State of Maryland, have
5 invented certain new and useful Improvements in a Combined Cuspidor and Toy Figure, of which the following is a specification.

This invention relates to a combined cuspidor and mechanical toy figure, the object being to so arrange it that by working a treadle
10 the top portion of the toy figure which represents a hat will be raised to expose an opening into which the user may spit, and at the same time a motion will be imparted to the arms of
15 the figure such as one would make in tipping the hat and saluting.

To this end the invention may be said to consist in the novel features of construction and combinations of parts hereinafter described
20 and claimed.

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

Figure 1 represents an exterior perspective view of the device; Fig. 2, a vertical section
25 of the same; Fig. 3, a horizontal section on the line 3 3 of Fig. 2; Fig. 4, a vertical section on the line 4 4 of Fig. 2.

The letter A designates the base of the device, which forms a pan with a bottom *a* and
30 an open top having an inward-extending annular flange *b*. The shell B of the toy figure is hinged at *c* to this base A and rests on the flange *b*, which has an upward-projecting lug *d'*, a pin *d*, inserted through the front of the
35 shell B, and said lug *d'* serves to hold the shell to the base A. This pin is located so that its head *d²* represents one of the vest-buttons of the figure, and by withdrawing said pin it will be obvious that the shell B may be turned
40 back on the hinge *c*. A treadle C is pivoted at *e* to the front of the base A and extends beyond said pivot through a vertical slot *f* in the base and into the latter, where it is provided with a pair of upward-extending
45 lugs *g g'*.

The toy figure is provided with a hat, the rim *h* of which is a flange of the shell B and is curved upward, while the crown *i* is a separate piece resting on the inside edge of the
50 rim and hinged to the latter at the rear, as shown at *j*, so that it comprises a lid which may be swung back clear of said rim or flange.

The treadle C and hinged lid *i* are connected by means of a curved arm or rod D, having a bifurcated or forked lower end *k*, which straddles the treadle-lever C' between the two lugs
55 *g g'*, by which it is confined, a rod E, pivoted at its upper end to the inside of the lid or hat-crown *i*, and a connecting rod or bar F, jointed at one end to the upper end of the
60 curved arm D and at the other end to the rod E at a point *l* intermediate of the ends of the same. At the middle of the shell B is journaled a cross-shaft comprising two parts I J,
65 which fit one within the other, or, in other words, the end of one fits over the end of the other, and may turn independently. The outer end of each shaft projects from the shell B and carries one of the arms of the
70 toy figure. The normal position of one of these arms K is lowered, while the position of the other one K' is raised. These arms are connected with the mechanism for raising the hat (which mechanism has already been described) as follows: The shaft I, which carries the arm K, has at its end where it fits
75 into the shaft J a rigid arm P, which extends forward, and at its outer end is jointed to the rod or bar F, connecting the arm D and rod E. The other shaft J carries at its inner end
80 a rigid arm Q, which extends rearwardly and is jointed to the lower end of the rod E.

The operation of the device is as follows: The treadle C is pressed down with the foot, whereupon its inner portion C' pushes up the
85 arm D, and thereby the connecting rod or bar F and the rod E, and the lid or hat-crown *i* is raised on the hinge *j* and exposes an opening into which the user may spit. It will be observed that the rim *h* of the hat also serves as
90 the rim of the cuspidor to catch the spit and prevent it from falling on the floor. At the same time that this movement takes place the upward movement of the bar F and rod E draws up the arms P and Q toward each other
95 and partially revolves the shafts K and K' in opposite directions. This, it will be seen, raises the arm K and lowers the other arm K', giving the said arm such a motion as one would make in saluting or in tipping the hat.
100 The weight of the parts will return them to their normal relative adjustments when the pressure is removed from the treadle C. This return movement of the parts is assisted and

accelerated by a spring O, which is disposed on the shaft J, said spring being connected thereto and to the shell B. A stop-arm R is fastened to the arm P, which projects from the shaft I and limits the movements of the parts by coming in contact with the arm Q. The matter spit into the top of the shell B drops into the base or pan A, and when it is desired to empty and cleanse said pan the pin *d* is removed and the shell B thrown back on the hinge, when access may be had to the pan. When the shell is shut down onto the base A, the forked lower end *k* of the arm D drops between the lugs *g g'* of the treadle-lever C'. The lug *g'* is made of sufficient length to prevent the said forked end from dropping on the outside of it. By this means the arrangement of parts within the shell is not affected by throwing back the said shell on its hinge.

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

1. In a combined cuspidor and toy figure, the combination of a suitable shell having a hinged lid representing the hat of the toy figure, a treadle at the base of the shell pivoted at the middle, a rod connection between the inner end of the said treadle and the hinged lid, two horizontal shafts projecting through opposite sides of the shell and carrying the arms of the toy figure, and arms projecting from said shafts inside the shell and joined to the rod connection between the hinged lid and the treadle, so that the upward movement of said rod connection caused by the depression of the treadle raises said arms and turns the shafts in opposite directions, in the manner and for the purpose described.

2. In a combined cuspidor and toy figure, the combination of a shell standing on a suit-

able base, a hinged lid over the top of said shell and representing the hat of the toy figure, a treadle, an arm engaged by said treadle, a rod hinged to the said lid or hat, a rod or bar connecting said arm and said first-named rod, a shaft comprising two parts, one fitting in the other and each carrying an arm of the toy figure, and a rigid arm projecting from each of said shafts, one of said latter arms jointed to the said connecting rod or bar and the other jointed to the rod which is hinged to the lid of the shell.

3. A combined cuspidor and toy figure comprising a shell having a hinged lid which represents the hat of the toy figure, a base on which said shell stands comprising a pan, said shell being hinged to said base, a treadle hinged to the latter and extending thereinto, a depending arm in the shell having a forked end to loosely engage said treadle, so as to permit the swinging back of the shell on its hinge, and suitable connections between said arm and the hinged lid.

4. A combined cuspidor and toy figure comprising a shell having a hinged lid which represents the hat of the toy figure, a base on which said shell stands comprising a pan, said shell being hinged to said base, a treadle hinged to the latter and extending thereinto, where it has a pair of lugs, a depending arm in the shell having a forked lower end to loosely engage said treadle between the lugs of the same so as to permit the swinging back of the shell on its hinge, and suitable connections between said arm and the hinged lid.

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

HENRY S. BREWINGTON.

Witnesses:

JNO. T. MADDOX,
F. P. DAVIS.