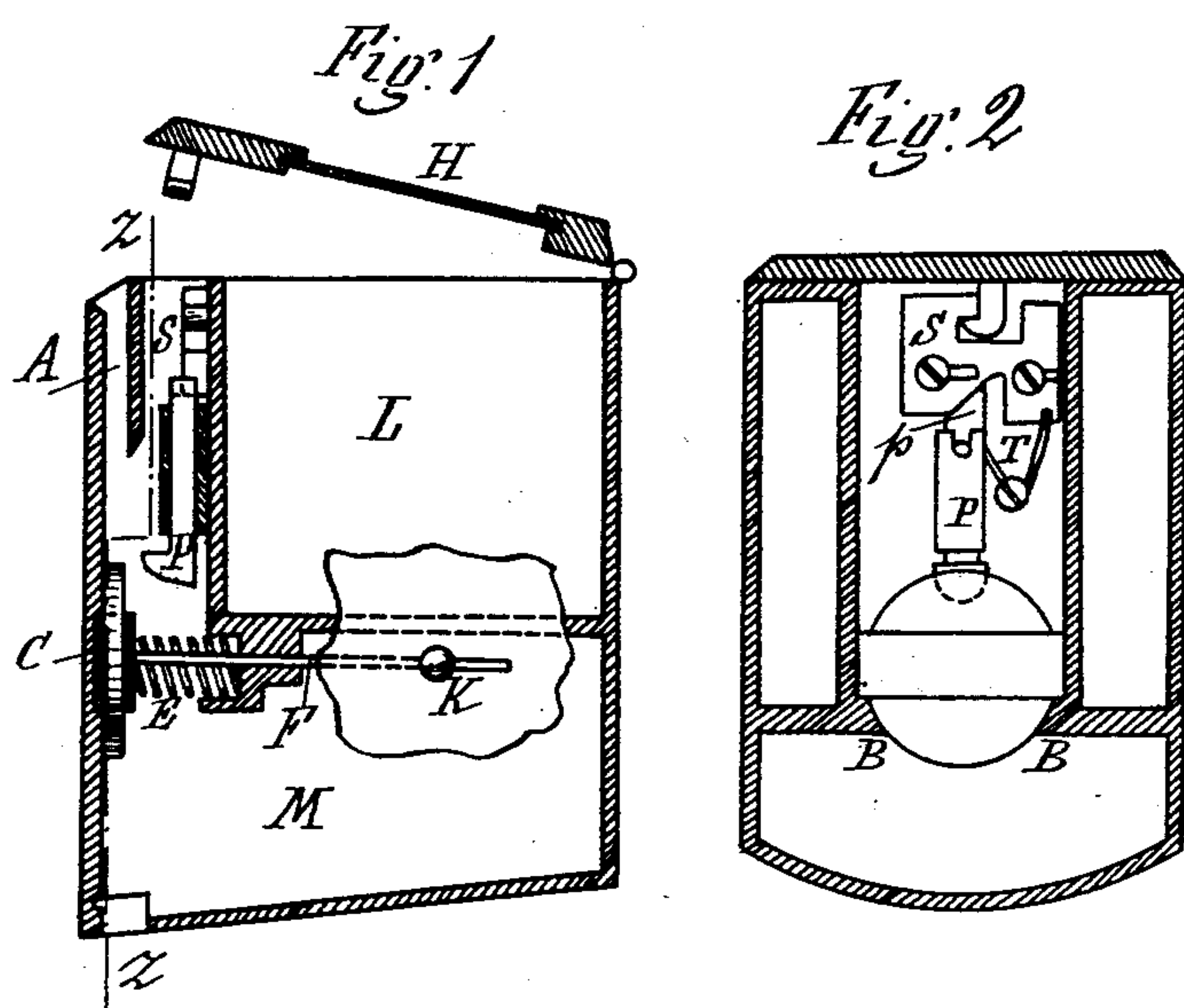


(No Model.)

M. DE ZUR-MUHLEN & A. WETREMS.  
COIN FREED MECHANISM FOR RELEASING BOX LIDS.

No. 587,666.

Patented Aug. 3, 1897.



-WITNESSES-

F. W. Wright.

S. C. Connor

-INVENTORS-

Michel de Zur-Muhlen

and

Adoephe Wetrems

BY

Howson & Howson

THEIR ATTORNEYS

# UNITED STATES PATENT OFFICE.

MICHEL DE ZUR-MUHLEN AND ADOLPHE WETREMS, OF BRUSSELS, BELGIUM.

## COIN-FREED MECHANISM FOR RELEASING BOX-LIDS.

SPECIFICATION forming part of Letters Patent No. 587,666, dated August 3, 1897.

Application filed October 27, 1896. Serial No. 610,212. (No model.) Patented in Belgium January 15, 1895, No. 113,640, and January 30, 1895, No. 113,881, and in France September 14, 1895, No. 290,281.

*To all whom it may concern:*

Be it known that we, MICHEL DE ZUR-MUHLEN and ADOLPHE WETREMS, gentlemen, of Brussels, Belgium, have invented an  
5 Improvement in Coin-Freed Mechanism for Releasing Box-Lids, (for which we have obtained Letters Patent in Belgium, No. 113,640, dated January 15, 1895, and No. 113,881, dated  
10 January 30, 1895, and in France, No. 290,281, dated September 14, 1895,) of which the following is a specification.

This invention relates to means for allowing by insertion of a coin the opening of the lid of a box containing articles such as bon-bons,  
15 perfumes, smelling-salts, vials of liquor, or the like, such a box being adapted to be fixed to the back of a seat in a theater or other place of resort or to be secured in a convenient position in a railway or tramway car or other  
20 conveyance.

We shall describe the mechanism for releasing the lid of the box, referring to the accompanying drawings.

Figure 1 is a longitudinal section, and Fig.  
25 2 is a transverse section on the line *zz* of Fig. 1.

A is a slot by which a coin of predetermined size and value is introduced. The coin falls into a yoke C till it comes to rest on shoulders B B. The yoke C is connected by a rod F to  
30 the stem of a button K, which passes through a lateral slot. On moving this button to the right the yoke C, along with the coin, is drawn to the right in opposition to a spring E. The coin, meeting the inclined end of a sliding  
35 latch P, pushes P upward, and an inclined piece *p*, raised by it, acting against the inclined side of a notch in the sliding bolt S,

causes S to move to the left in opposition to a spring T, releasing a hook projecting down from the lid H, which is then free to be opened, 40 giving access to the articles in the box L. The hinges of the lid may be provided with a spring, so that the lid opens a little as soon as it is released. The lid may have a glazed opening through which the contents of the 45 box may be seen. On letting go the knob K the coin, being in a position beyond the shoulders B B, drops into the receptacle M, and the yoke C is moved by the spring E back to the position immediately under A ready to re- 50 ceive another coin.

Having thus described the nature of our invention and the best means of carrying the same into practice, we claim—

A box having the lid adapted to be released 55 by the insertion of a coin, the said box being provided with a slot, a spring-actuated yoke into which the coin falls, a pull and a lid provided with a hook, in combination with a sliding spring-bolt S engaging with the said hook 60 and provided with an inclined surface, and a sliding latch provided with two inclined surfaces, one to engage with the inclined surface on the said bolt, and the other adapted to be acted upon by the coin, substantially as and 65 for the purposes set forth.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

MICHEL DE ZUR-MUHLEN.  
ADOLPHE WETREMS.

Witnesses:

GUSTAVE PIERRE,  
GREGORY PHELAN.