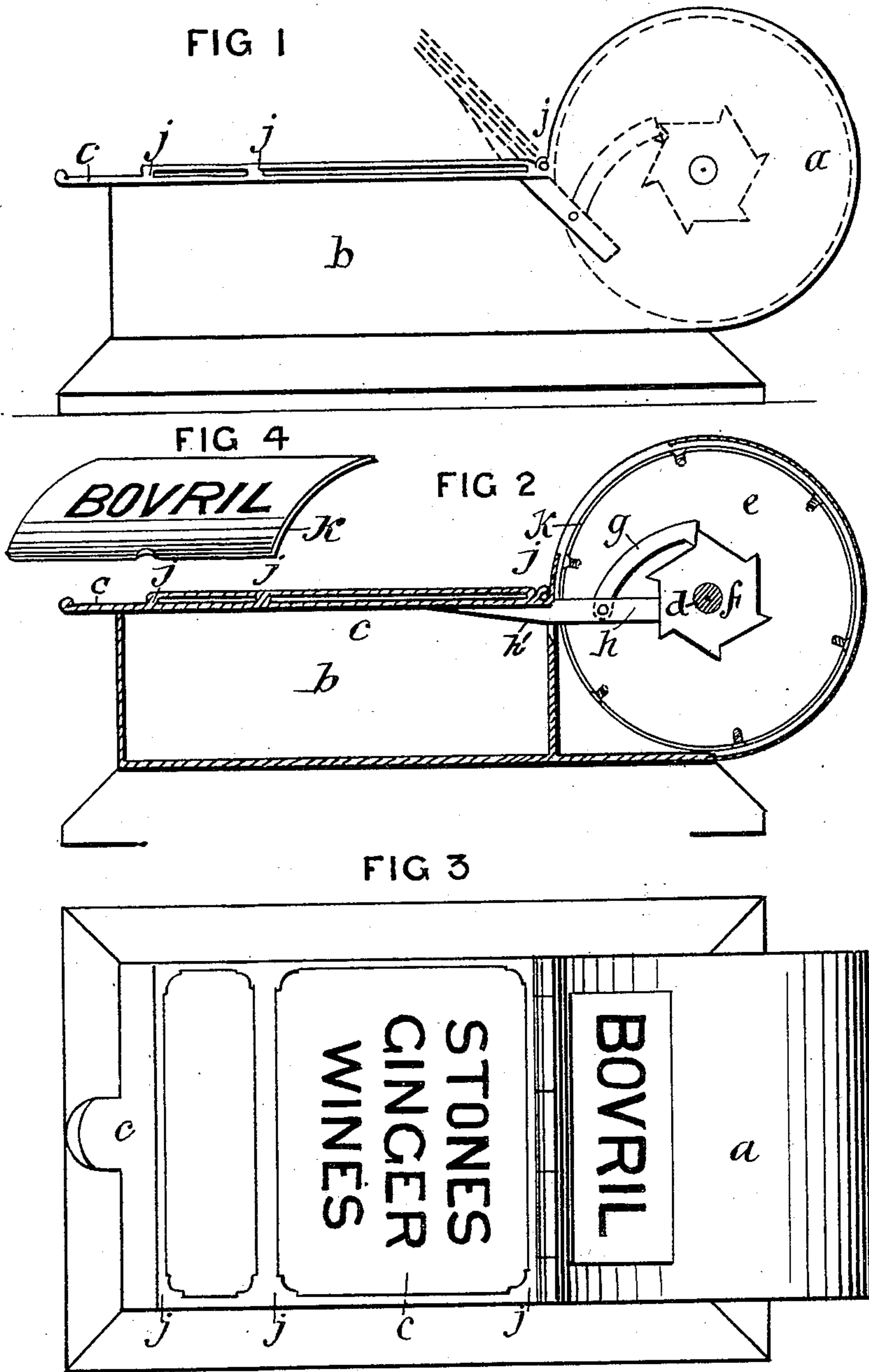


(No Model.)

J. J. HARRISON & W. HOOKER.  
ADVERTISING MATCH BOX.

No. 471,052.

Patented Mar. 15, 1892.



Witnesses:  
*Edwell Adick*  
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Inventors:  
*John J. Harrison*  
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*by Marcelus Bailey their atty*

# UNITED STATES PATENT OFFICE.

JOHN JOSEPH HARRISON AND WALTER HOOKER, OF LONDON, ENGLAND.

## ADVERTISING MATCH-BOX.

SPECIFICATION forming part of Letters Patent No. 471,052, dated March 15, 1892.

Application filed September 28, 1891. Serial No. 407,057. (No model.)

*To all whom it may concern:*

Be it known that we, JOHN JOSEPH HARRISON, engraver on wood, and WALTER HOOKER, architect, subjects of the Queen of Great Britain, both residing at 79 New Oxford Street, London, in the county of Middlesex, England, have invented a new and useful Improvement in a Combined Match-Box and Advertising Apparatus, of which the following is a specification.

The object of our invention is to construct match-boxes in connection with simple advertisement apparatus, whereby the advertisements change when the box-lids are lifted for the purpose of obtaining a match.

In this invention we propose to fix any convenient number of advertisements—say six—upon the circumference of a cylinder rotating on a spindle, which we hereinafter describe as the “advertising-cylinder.” This advertising-cylinder is placed horizontally in a circular closed metal case attached to a match-box, and having an opening admitting only one advertisement to be seen at once. The advertising-cylinder is rotated by the action of lifting the match-box lid, attached to which is a lever and curved pawl falling in a ratchet-wheel fixed to the cylinder. By this means the cylinder is rotated through a corresponding portion of a circle sufficient to change the advertisement once at each downward movement of the lid.

In order that our invention may be more fully understood and carried into practice, we will now proceed to describe the same with reference to the accompanying sheet of drawings, and to letters marked thereon, in which—

Figure 1 shows an elevation, Fig. 2 a longitudinal vertical section with the lid closed, and Fig. 3 a plan, of an advertising match-box constructed according to our said invention. Fig. 4 shows in perspective one of the tablets *k*, carried by the cylinder *e*.

Like parts are indicated by similar reference-letters in all the figures.

A cylindrical box *a* is attached to a match-box *b*, having hinged lid *c*. A spindle *d* is supported in the ends of the said cylindrical box *a* and on which is rotated the advertising-cylinder *e*. The change of advertisement

is made by the means of a ratchet-wheel *f*, attached to the said cylinder and having the same number of teeth as there are advertisements on the cylinder. The said ratchet-wheel *f* is acted upon by a curved pawl *g*, pivoted to a prolongation *h* of the match-box lid *c*. The amount of movement of the curved pawl *g* is such that on lifting the lid to take a match it falls into one of the teeth of the ratchet-wheel *f*. On raising the lid *c* the curved pawl *g* moves the ratchet-wheel through a portion of a revolution corresponding with the space occupied by each separate advertisement on the cylinder *e*, thereby exposing a fresh advertisement to view. The extended end *h* of the lever *h'* acts as a stop to prevent the cylinder *e* rotating more than is necessary to expose the advertisement adjacent and below the one visible before the lever was moved. The advertising-tablets *k*, attached to the periphery of the cylinder *e*, are interchangeable at will and are secured by countersunk screws and dovetail slots or slides.

The lid is provided with L-shaped pieces *j*, arranged to receive between them sheets of opal glass or ivory tablets, on which can be printed advertisements. These glass or ivory slides can be interchanged at will. There is also a similar construction on the lid for holding a safety-match striker, and a roughened surface on the upright end for ordinary matches.

A small form of the apparatus described may be made to be carried in the pocket.

It is obvious that the apparatus may be utilized for holding pens, sweets, cigars, cigarettes, and other small articles, the same form of mechanism being employed in each case, and that the means of advertising, as hereinbefore described, may in like manner be applied to show-cases and to all articles having hinged lids.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is—

In an advertising apparatus, the combination of a box or other receptacle, a revolving cylinder externally mounted upon the said box or other receptacle, a ratchet-wheel se-



cured upon the side of said cylinder, a cover  
or lid hinged to the said box or other recep-  
tacle in front of said cylinder, a lever secured  
to the under side of said lid or cover, a pawl  
5 carried by said lever, which moves the said  
ratchet-wheel upon raising the lid or cover,  
thereby rotating the said cylinder, and an ex-  
tension *h* of the said lever adapted to bear  
against the periphery of said ratchet-wheel

when the cover or lid is closed to prevent the  
cylinder moving beyond a desired point, as  
set forth.

JOHN JOSEPH HARRISON.  
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Witnesses:

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