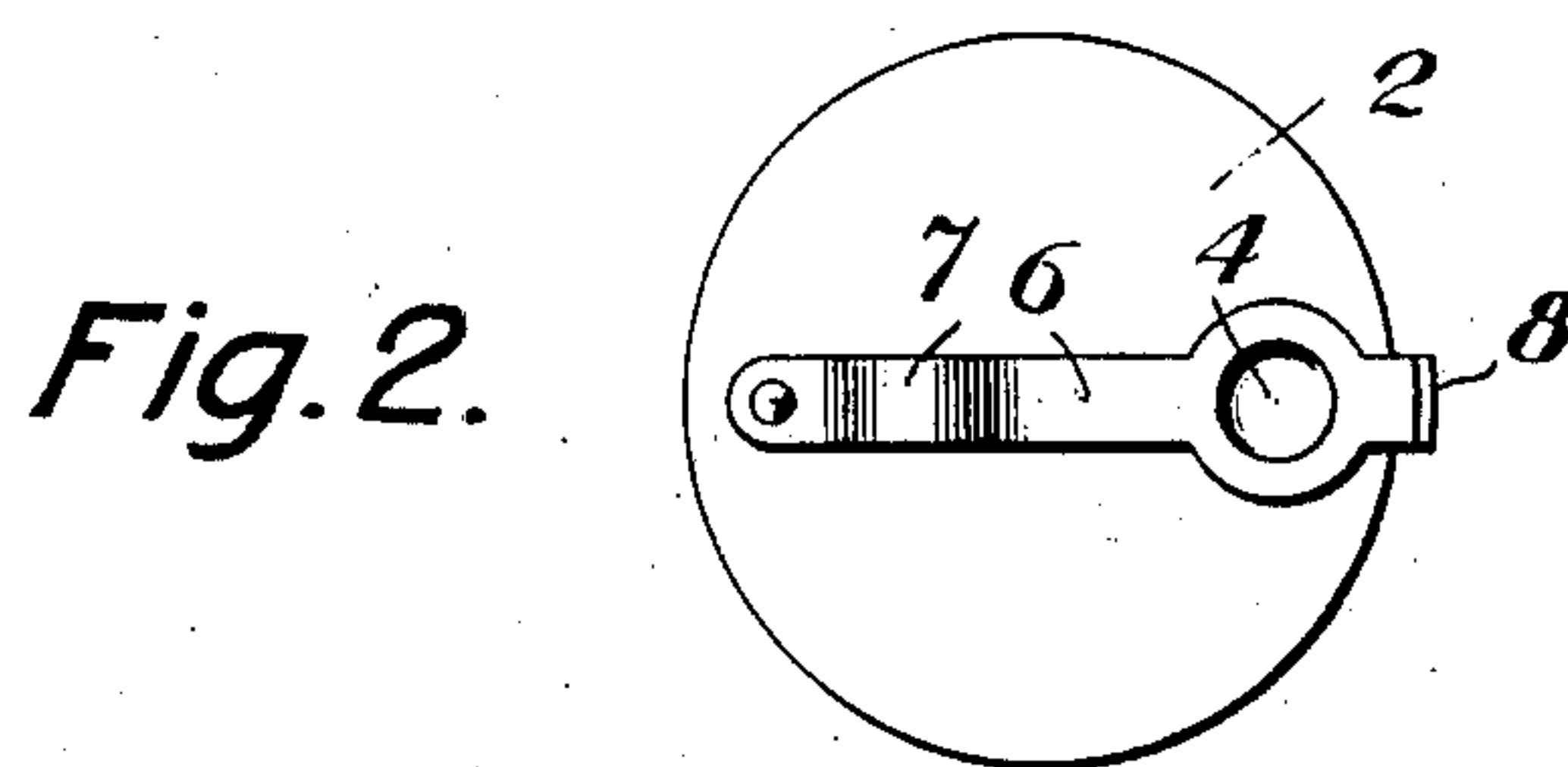
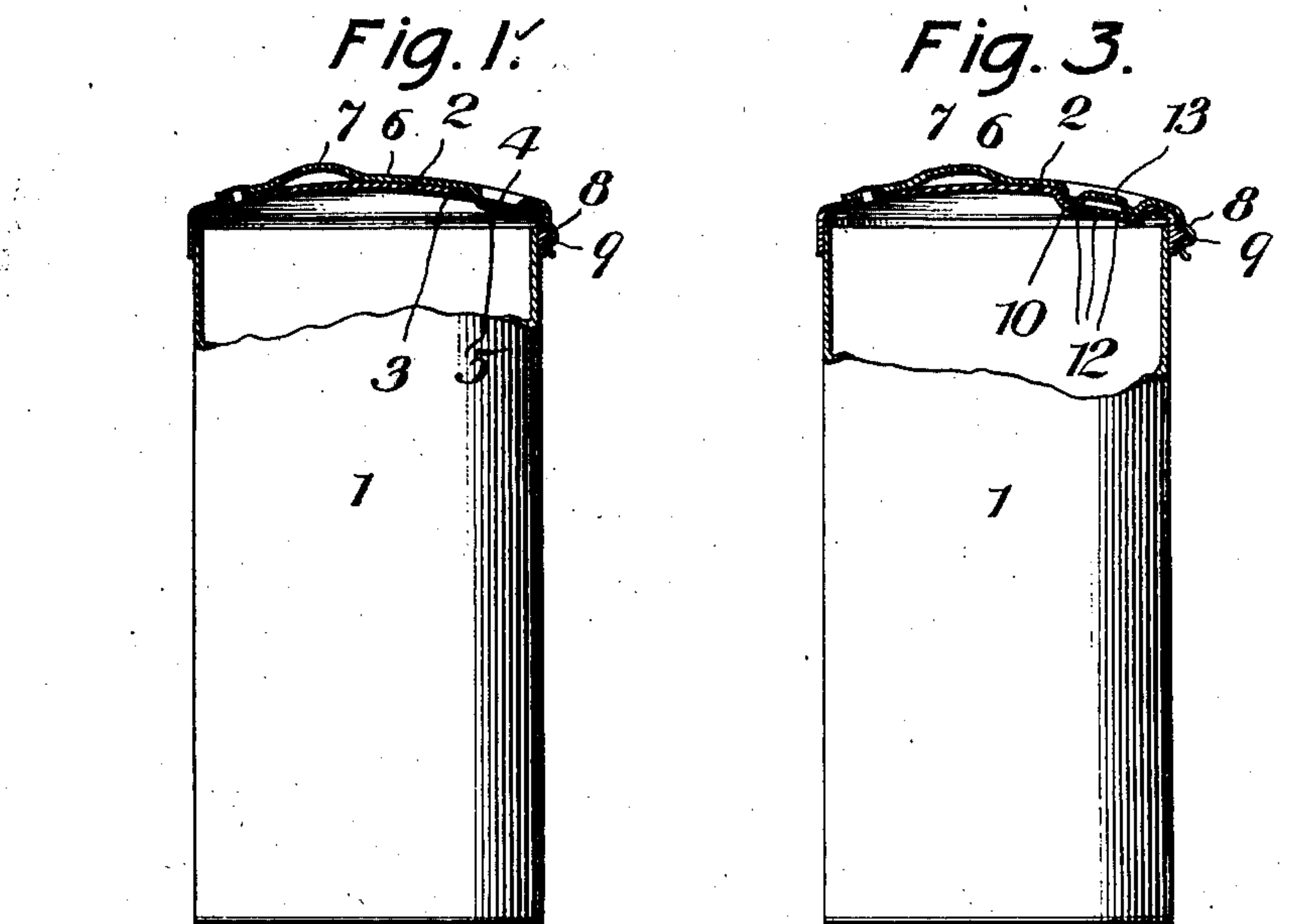


No. 830,611.

PATENTED SEPT. 11, 1906.

F. W. MURRAY.  
TOP FOR POWDER CONTAINERS.  
APPLICATION FILED SEPT. 21, 1905.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## TOP FOR POWDER-CONTAINERS.

No. 830,611.

Specification of Letters Patent.

Patented Sept. 11, 1908.

Application filed September 21, 1905. Serial No. 279,534.

### *To all whom it may concern:*

Be it known that I, FREDERICK WILLIAM MURRAY, a citizen of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented certain new and useful Improvements in Tops for Powder-Containers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in tops for powder-containers.

The object of the invention is to provide a top of this character having formed therein one or more discharge-apertures and means whereby the latter may be tightly closed when not in use and quickly and easily opened when desired.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a longitudinal vertical sectional view of a portion of a can and its cover, showing the application of the invention. Fig. 2 is a top plan view of the same; and Fig. 3 is a view similar to Fig. 2, showing a modified construction of the cover.

Referring more particularly to Figs. 1 and 2 of the drawings, 1 denotes the can, which may be of any suitable shape and formed of any suitable material, said can being here shown as cylindrical in shape and provided with a cover 2, the top of which is preferably curved or convex in form. In the cover 2 and preferably adjacent to one side of the same is formed a discharge-aperture 3, through which the material contained in the can is adapted to be shaken. The discharge-aperture 3 is normally covered by means of a closing-disk 4, said disk being preferably provided on its under side with a convex projection 5, which is adapted to fit down into the discharge-aperture 3 to securely close the same. The closing-disk 4 is also provided with an integrally-formed spring-metal shank 6, the free end of which is pivotally connected to the top of the cover at a point adjacent to the edge of the same and diametrically opposite to the discharge-aperture 3. In the

shank 6 is preferably formed an upwardly-projecting curve or bend 7, whereby the resiliency of the same is increased. On the disk 4, opposite to the shank 6, is formed a downwardly-projecting spring-metal clasp or clip 8, which when the disk is forced downwardly into engagement with the discharge-aperture 3 will spring into engagement with a lug or keeper 9, formed on the flange of the cover, as shown.

In Fig. 3 of the drawings is shown a slightly-modified construction of the can top or cover. In this instance said cover is provided adjacent to one edge thereof with an annular depression or recess 10, in the bottom of which is formed a series of discharge apertures or perforations 12. Adapted to be engaged with the recess 10 is a closed disk 13, pivotally connected to the top of the can, as shown in Fig. 3. The form of cover shown in Figs. 1 and 2 is particularly adapted for cans containing tooth-powder or similar substance which is desired to discharge in bulk, while in Fig. 3 of the drawings is shown a form of cover which is particularly adapted for use on cans containing talcum or other toilet powder which is intended to be dusted or lightly discharged from the can. By providing a curved shank for the closing-disk, such as herein shown and described, said disk will be caused to spring upwardly out of engagement with the discharge-apertures when the latch thereon has been released from its keeper, thus facilitating the opening or uncovering of the discharge-apertures in the can.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. In a closure of the character described, the combination with the top of the can, said top having formed therein a discharge-opening, of a closing-disk having a concavo-con-



vex portion to cover said opening, an upwardly-curved spring-metal attaching-shank formed on said disk, said shank being pivotally mounted at one end on said top, and a  
5 spring-clasp formed on the outer end of said shank to engage a lug on said top when the disk is in closed position, substantially as described.

2. In a closure of the character described,  
10 the combination with the top of the can, said top having formed therein a depression in the bottom of which is formed a discharge-opening, of a closing-disk having a convex lower side to engage said opening, an up-

wardly-curved spring-metal attaching-shank 15.  
formed on said disk, said shank being pivotally mounted at one end on said top, and a spring-clasp formed on said disk to engage a lug on said top when the disk is in closed position, substantially as described. 20

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FREDERICK WILLIAM MURRAY.

Witnesses:

CHARLES NOURSE,  
HENRY C. PIERCE