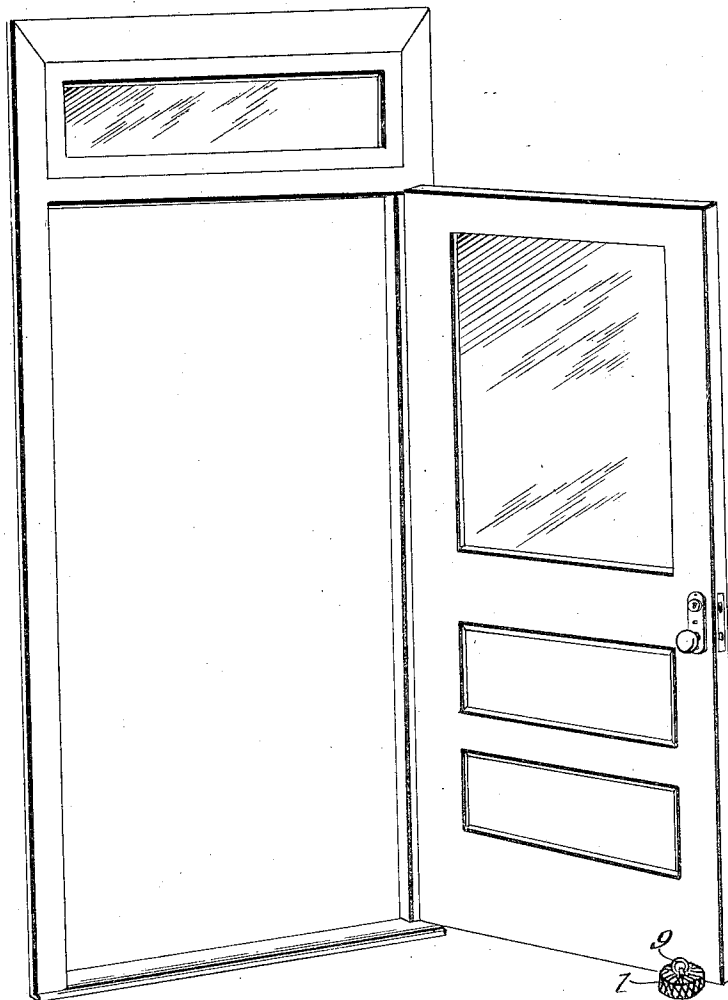


E. WALBRIDGE.
DOOR WEIGHT.
APPLICATION FILED JUNE 4, 1912.

1,057,306.

Patented Mar. 25, 1913.
2 SHEETS—SHEET 1.

Fig. 1.



Inventor

Witnesses
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W. H. Wakefield

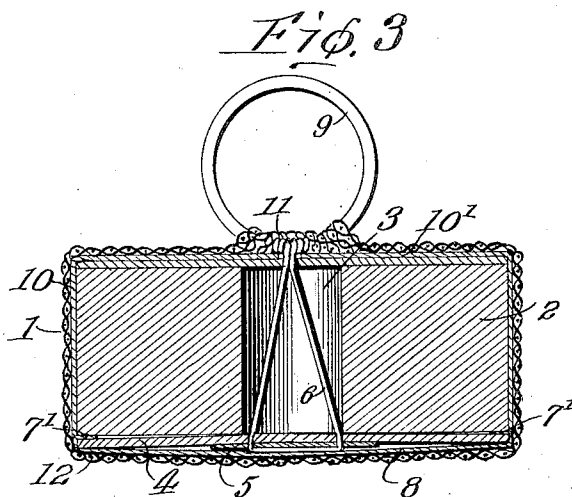
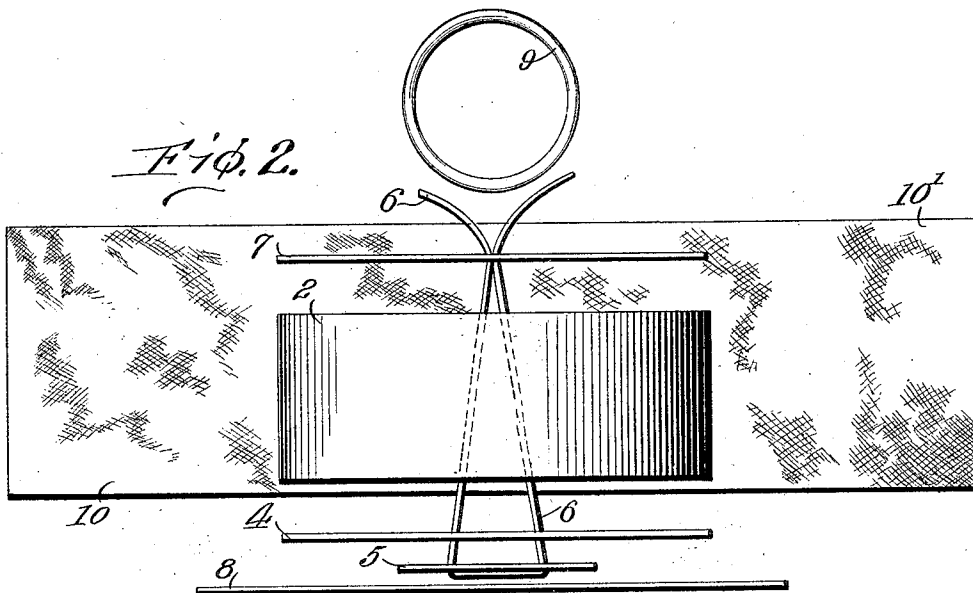
Elizabeth Walbridge
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UNITED STATES PATENT OFFICE.

ELIZABETH WALBRIDGE, OF WASHINGTON, DISTRICT OF COLUMBIA.

DOOR-WEIGHT.

1,057,306.

Specification of Letters Patent.

Patented Mar. 25, 1913.

Application filed June 4, 1912. Serial No. 701,689.

To all whom it may concern:

Be it known that I, ELIZABETH WALBRIDGE, citizen of the United States, residing at the city of Washington, in the District of Columbia, have invented certain new and useful Improvements in Door-Weights; and I do hereby 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 portable door holders and has for its objects, to provide a door weight of this class having a covering which will frictionally engage the floor, to provide lifting means which will bind the several parts together, and to provide a cover which will prevent lateral movement of the lifting means.

With these and other objects in view the invention comprises certain novel constructions, combinations and arrangements of parts as will be hereafter more fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view showing one use to which my invention may be put. Fig. 2 is a diagrammatic view of the various parts of a weight before assembling. Fig. 3 is a vertical sectional view of the assembled weight.

Like characters of reference designate corresponding parts throughout the several views.

The weights of the character constituting the subject matter of this invention have heretofore been make-shifts and have as a rule not only been unsightly but have been inconvenient to move without scraping the finish of the floor. The construction here shown provides a cover for the weight which prevents the scraping of the floor and also of the door which is designed to be held by the weight. It is apparent that inasmuch as the cover conceals the entire weight, any suitable material may be used, such as bushings, nuts and other forms of scrap iron which accumulates in machine shops. For the sake of illustration the weight 1 is here shown as having the weighted member 2 formed of a cylinder of metal having an opening 3 through its center.

By referring to Fig. 2 the general arrangement of the parts just before assembling will be seen. The flat disk 4 of flexible material is disposed beneath the weight 2 and is designed to be engaged by the metal

disk 5 of lesser dimensions. Passing through the metal disk 5 and flexible disk 4, which disk may be made of paste-board, is a wire 6 which extends upwardly through the opening 3 of the weight and passes through another flexible disk 7. At 8 is shown a cloth for covering the disk 4, the said cloth being designed to bind the metal plate 5 between the flexible disk 4 and said cloth. A ring 9 of any material is designed to form a body about which the upper ends of wire 6 are wound.

In assembling the various parts the cloth 8 is brought adjacent the lower side of disk 4 and its edges turned over and gathered tightly around the plate 4, as shown at 7' in Fig. 3. The lower edge of the rectangular strip of cloth 10 is next sewed, or otherwise secured to the bent over part 7' of the cover 8, the part 10 being just long enough to reach around the cylinder 2 and leave enough for a seam. The wire 6 is then drawn upwardly until the disks 4 and 5 lie adjacent the bottom of cylinder 2 whereupon the flexible disk 7 is pressed down until it engages the upper surface of disk 2. In order to keep the several disks tightly bound the free ends of wire 6 are next wound around part of the ring 9, as shown at 11. In order to tightly bind the several disks to the cylinder 2 the upper end 10' of the strip of cloth 10 is turned down over disk 7 and the ends gathered tightly together. From this construction it will be seen that the cover 10 not only conceals all the several parts entering into the weight, but also prevents any lateral movement of the disks and the ring 9. Evidently the ring 9 can be used for the purpose of lifting the weight and carrying it to any desired place.

In order to give a finished appearance to the whole an embroidered cover 12 of any design may be slipped over the weight and secured to the ring in any desired manner. As shown the disk cover may be of comparatively open design so as to engage the carpet of the floor and frictionally engage the same when the door is acted upon to move.

Although the weight has been shown as applied to a door, it will be understood that it may be used in any place where it is desired to provide a static retaining means.

What I claim is:

1. In a portable door weight provided with an opening, a disk covering the lower end of said opening, a disk covering the

upper end of said opening, a wire passing through said disks and the opening, and a ring secured to the wire.

2. In a portable door weight provided
5 with an opening, a disk covering the upper end of said opening, a disk covering the lower end of said opening, a third non-flexible disk slightly larger than the opening, a wire passing through the said disks, and
10 a ring connected to the wire, said wire binding the several disks together.

3. In a portable door weight, provided with an opening, a disk covering the lower end of said weight, a cover for said weight
15 and disk, a second disk slightly larger than the opening and contained between the first disk and said covering, a wire passing through said disks and cover, lifting means

secured to said wire, said cover holding the lifting means against lateral movement. 20

4. In a portable door weight having an opening therethrough, a disk covering the lower end of said opening, a second disk covering the upper end of said opening, a
25 wire passing through said disks, a lifting means secured to the wire and a cover surrounding the weight and disks, said cover holding the lifting means against transverse movement.

Intestimony whereof I affix my signature 30 in presence of two witnesses.

ELIZABETH WALBRIDGE.

Witnesses:

EDWARD T. FENWICK,
GEORGE H. MACDONALD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."