

G. H. McKINLEY & S. STEENBURGH.
SASH WEIGHT.

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932,995.

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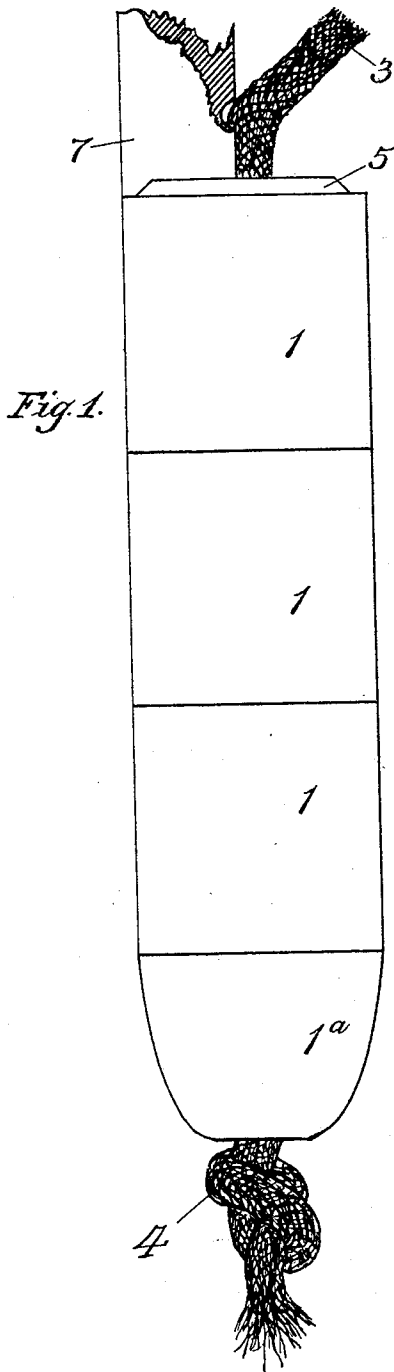


Fig. 1.

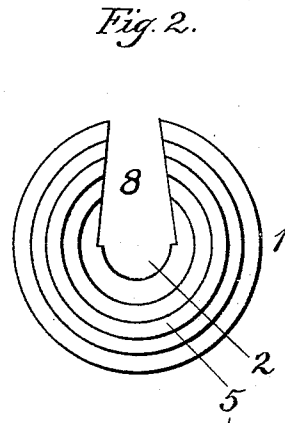


Fig. 2.

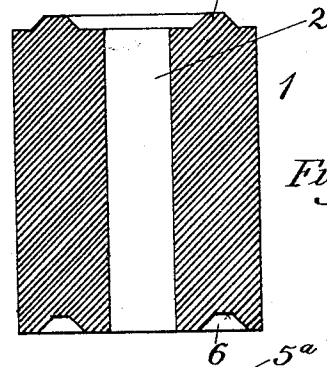


Fig. 3.

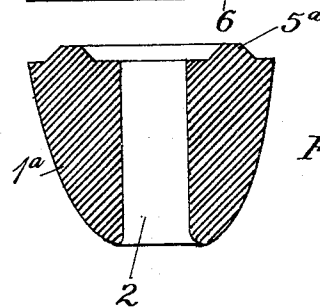


Fig. 4.

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GEORGE H. McKINLEY AND SIDNEY STEENBURGH, OF MOLINE, ILLINOIS.

SASH-WEIGHT.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, GEORGE H. McKINLEY and SIDNEY STEENBURGH, citizens of the United States, residing at Moline, in the county of Rock Island and State of Illinois, have invented certain new and useful Improvements in Sash-Weights, of which the following is a specification.

This invention relates to sectional sash weights and other similar weights, and its object is to provide means for holding the weight-sections in alinement and for preventing relative rotation of the sections.

In the accompanying drawings Figure 1 is an elevation of a sash weight embodying the features of our invention, one of the weight-sections being removed. Fig. 2 is a top plan view of a weight-section. Fig. 3 is a vertical central section through one of the sections. Fig. 4 is a similar view of the bottom section.

The embodiment selected for illustration comprises a plurality of cylindrical sections 1 arranged end to end and each provided with an axial opening 2 to receive the sash cord 3. The lowermost section 1^a is preferably made tapering or chamfered, as shown. The sections are supported upon any suitable means forming a shoulder upon the cord 3, as, for example, a knot 4 tied in the cord.

The adjacent ends of the sections 1 and the upper end of the section 1^a are preferably formed so as to assist in holding the sections alined. We have herein shown one end of each section 1 as provided with an annular rib 5, an annular groove 6 being formed in the opposite end of the section to receive the rib 5 upon an adjacent section. As herein shown, the upper end of the lowermost section 1^a has a rib 5^a thereon to take into the groove 6 of the next higher section.

In order to lock the sections against rotation relatively to one another and to hold the sections in alinement, we provide a key 7 which may be inserted within a slot 8 formed in one side of each section, said slot, in this instance, extending to and merging in the axial opening 2. The key 7 may be of dove-tail or other suitable form in cross-section, the slot 8 being preferably shaped to conform to the key. The lowermost section 1^a is not slotted, thus providing a shoulder for the support of the key. It will be seen that the key 7 prevents relative rotation of weight sections, and that said key, by reason of its dovetail form, holds said sections in alinement with one another.

The sections 1 may be placed upon the cord 7 by slipping them laterally onto said cord, the slots 8 obviating the necessity of threading the sections over the end of the cord.

We claim as our invention:

1. A sectional sash weight comprising a plurality of weight-sections, each having a key-receiving opening therein, a member upon which said sections are strung and supported, and a key extending longitudinally of the series of sections and lying in said key-receiving openings.

2. A sectional weight comprising a plurality of weight-sections, a member upon which said sections are strung and supported, said sections being slotted, and a key extending through the slots of said sections, said key being of dove-tail form in cross-section, and said slots conforming substantially to said key.

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