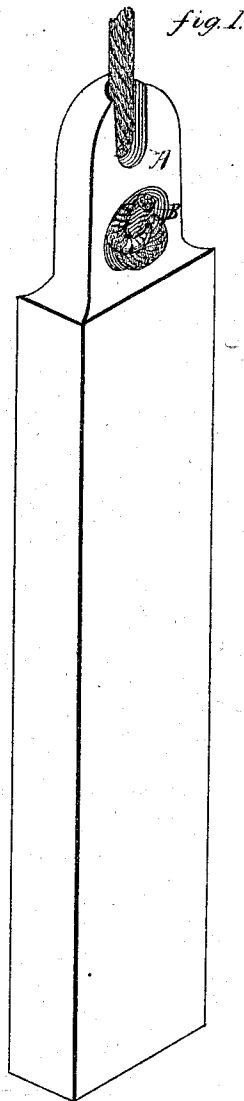
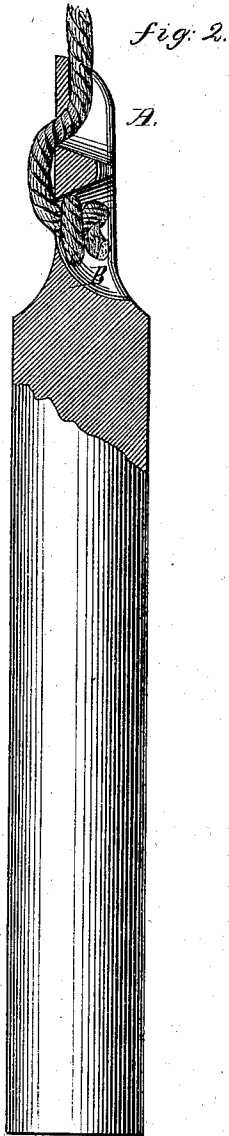


P. ASHEN.
Sash-Weights.

No. 137,753.

Patented April 15, 1873.



Witnesses.

*Wm. C. Cushman
A. A. Cushman,*

Inventor:

Peter Ashen.

UNITED STATES PATENT OFFICE.

PETER ASHEN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SASH-WEIGHTS.

Specification forming part of Letters Patent No. **137,753**, dated April 15, 1873; application filed March 3, 1873.

To all whom it may concern:

Be it known that I, PETER ASHEN, of the city of Philadelphia, State of Pennsylvania, have invented certain Improvement in Sash-Weights, of which the following is a specification:

My invention consists in casting two holes into sash-weights for attaching the sash-cord thereto, the lower one forming a recess or seat for a knot which is tied at the end of the cord and holds the weight.

Figure 1 represents a flat sash-weight with my improvement, and Fig. 2 is a sectional view of the round weight with the same.

In fastening the sash-cord to the weight I pass it first through the upper hole from the larger side A, then return it through the lower one, tie a simple knot at the end thereof, which, on drawing the cord, nicely rests in the aforementioned recess or seat B, and the weight is readily and securely fastened.

When the weight is suspended the cord rests

in a groove above the upper hole, representing the top-center of said weight, which thus hangs in a perpendicular position.

The advantages of my improvement are: That a sufficiently-deep hole for the knot is thus attainable in either a flat or a round weight; that the weight can be produced as cheap as ordinary sash-weights; is easily fastened to the cord; never parts therefrom by the knot wearing or coming undone; and does not stick fast up at the pulley, which often happens with those now in use, unless the cord is left unnecessarily long.

I claim—

The combination of the holes B and A, beveled from the same side, and the vertical recess above the latter, all arranged as described, and for the purpose herein set forth.

PETER ASHEN.

Witnesses:

KATE EISHON,
A. A. EISHON.