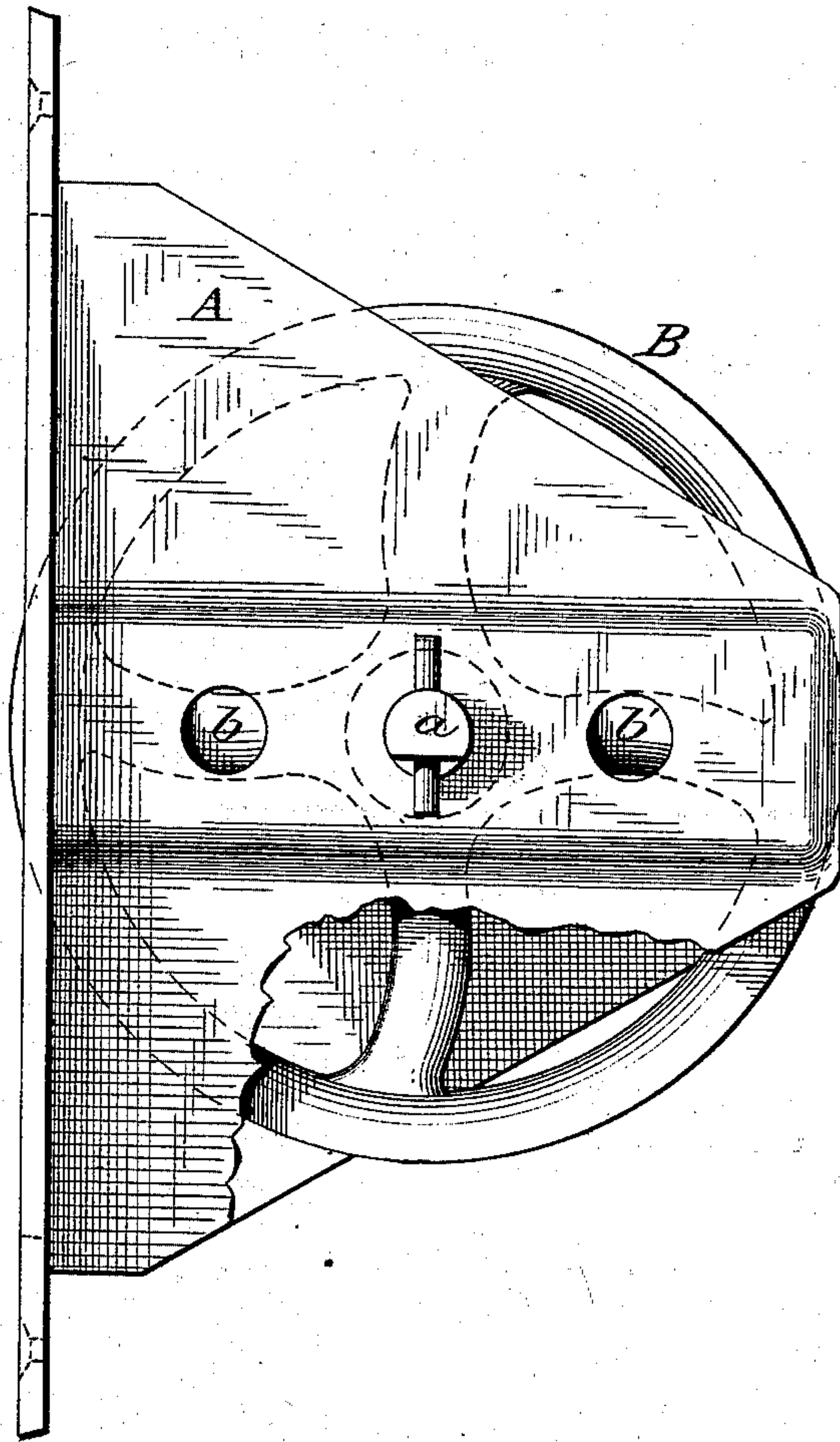


(No Model.)

J. SHANNON.
SASH CORD GUIDE.

No. 274,831.

Patented Mar. 27, 1883.



WITNESSES

W. T. Cole.
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UNITED STATES PATENT OFFICE.

JAMES SHANNON, OF WASHINGTON, DISTRICT OF COLUMBIA.

SASH-CORD GUIDE.

SPECIFICATION forming part of Letters Patent No. 274,831, dated March 27, 1883.

Application filed September 12, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES SHANNON, of the city of Washington, in the District of Columbia, have invented certain new and useful Improvements in Guides for Sash and other Cords, of which the following is a specification.

It is well known that frequently, by reason of improper arrangement relatively of the size of the weight box or channel and the weight itself, and of the limit of projection within the box of the periphery of the sheave or pulley, a side of the weight will strike against a side of the box, producing unnecessary noise and wear.

The object of my invention is to produce a guide for cords of the description named which will admit of the necessary adjustment whereby the weight and box may be kept from contact. The invention is applicable to window-sash, dumb-waiters, elevators, and in any relation in which a weight traverses a box or channel.

The drawing represents a side view of the invention in its preferred form.

A is the support for the sheave or pulley B. The pin or axis *a* rests in holes or bearings drilled or formed in the sides or brackets of the support. In order to permit of the lateral adjustment of the sheave, additional holes, *b b'*, are placed at either side of the central hole, to which the axis may be transferred when the distance of projection of the sheave within the box is to be altered, to cause a side of the weight to clear a side of the box. The number

of the pin-holes may be varied, and I do not limit my invention to any particular number. 35

It is apparent that vertical or other slots may be used, instead of holes, as bearings for the pin or axis, and that these may be used without a departure from my invention, the principle of which consists in providing a support with bearings which admit of lateral adjustment of the sheave. 40

This invention is found to supply a want in the trade, as it is not ordinarily practicable to make the size of the box, the size of the weight, and the limit of projection of the sheave within the box agree with such accuracy as to prevent the contact of the box and weight. My invention prevents the necessity of accurate measurement of the parts, and in practical use is found convenient and to cheapen the work of arranging the weights. 45 50

I claim as my invention—

A guide for sash or other cords, consisting of a sheave, removable axis, and a support, with a series of bearings, to any one of which the axis may be adjusted, substantially as and for the purpose set forth. 55

In testimony whereof I have hereunto subscribed my name in the presence of two witnesses. 60

JAMES SHANNON.

Witnesses:

GEORGE H. HOWARD,
W. T. COLE.