

(No Model.)

F. B. WHIPPLE.
PAPER WEIGHT.

No. 402,048.

Patented Apr. 23, 1889.

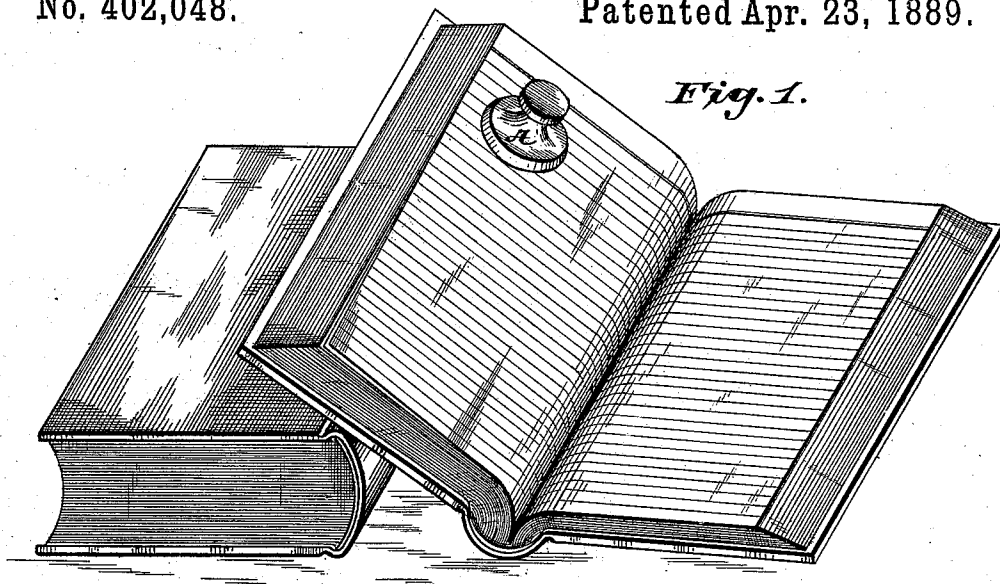


Fig. 1.

Fig. 2.

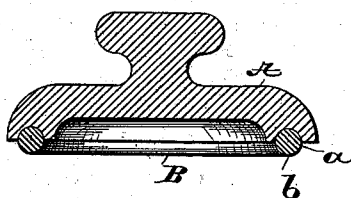


Fig. 4.

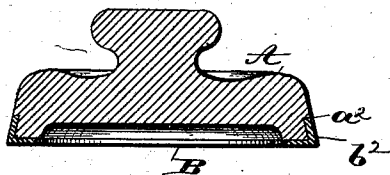


Fig. 3.

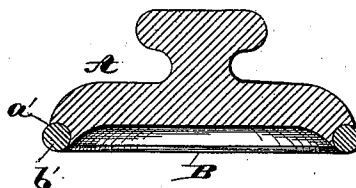
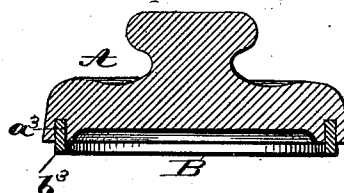


Fig. 5.



Witnesses,

E. J. Walker

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Inventor,

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By his Attorney

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UNITED STATES PATENT OFFICE.

FRANK B. WHIPPLE, OF ERIE, PENNSYLVANIA.

PAPER-WEIGHT.

SPECIFICATION forming part of Letters Patent No. 402,048, dated April 23, 1889.

Application filed January 21, 1888. Serial No. 261,495. (No model.)

To all whom it may concern:

Be it known that I, FRANK B. WHIPPLE, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Paper-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 paper-weights; and it consists in certain improvements in the construction of the same, as will be hereinafter fully set forth, and pointed out in the claims.

The object of my invention is to provide a paper-weight which will not slip or slide when set onto a smooth inclined surface, as, for example, on the inclined page of a book. I attain the said object by facing the bearing-surface of the paper-weight with india-rubber of sufficient softness to give to it a high degree of friction.

My device is illustrated in the accompanying drawings, as follows:

Figure 1 is a perspective view of an open book with one page inclined and my improved paper-weight resting on the inclined page. This view fully illustrates the utility of the invention. Figs. 2, 3, 4, and 5 are vertical sectional views of the device, and they show several modified constructions.

A represents the body of the weight, and B the soft-rubber bearing-surface.

In the construction, shown in Fig. 2 the rubber bearing-surface consists of a round ring of rubber, *b*, secured in a half-round groove, *a*, in the bottom of the weight. In Fig. 3 the bearing rubber surface is also a round ring, *b'*, which is held by its own elasticity in a proper groove *a'*, in the outer lower corner of the weight. In Fig. 4 the bearing-surface is a flanged rubber ring, *b²*, which fits in a rabbet, *a²*, around the lower outer corner of the weight, and extends under the weight. In Fig. 5 the bearing-surface is a plain rubber band, *b³*, secured to the weight by having its upper edge received in a square groove, *a³*, in the bottom of the weight. In each of these forms the bearing-surface of the weight is a facing of india-rubber.

I am aware that it is common to face the bearing-surface of paper-weights, inkstands,

&c., with cloth for the purpose of giving a soft yielding surface, so that they will not mar table-tops or make a noise when moved or set down suddenly onto the table; but such a construction does not contemplate or effect the purpose I accomplish.

The rubber facing I employ effects the same object as the cloth facing, but the cloth facing does not effect the object I attain by the use of soft rubber. A weight faced with cloth will slide off of an inclined book-page as quickly and easily as if it were not faced, but when faced with soft rubber the weight will not slide on the paper at all. In addition to this adhesion of the weight, by reason of the material of which the facing is made, the annular form of the facing performs an important office or function—i. e., when the weight is placed on the book or other object to be held the gravity of the article is sufficient to partially exclude the air from beneath the paper-weight, so that a partial vacuum is created, and the adhesion is thus increased by suction. A slight pressure upon the weight will further increase this action, and thus prevent any possibility of the weight being accidentally displaced.

Any one accustomed to making or examining entries in large account-books or registers has experienced the great need for a paper-weight that has a sufficiently-adhesive bearing-surface to prevent it from slipping on the paper, and will at once appreciate the utility of my device.

What I claim as new is—

1. As a new article of manufacture, a paper-weight having a soft india-rubber bearing-surface which is in the form of a ring which is held in place by its own elasticity.

2. As a new article of manufacture, a paper-weight having a soft india-rubber bearing-surface which is in the form of a ring, which is secured to the bottom of the weight by being set in a grooved or rabbeted space which conforms to the form of the ring.

3. As a new article of manufacture, a paper-weight having a soft india-rubber bearing-surface which is in the form of a flanged ring.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK B. WHIPPLE.

Witnesses:

JNO. K. HALLOCK,
W. S. BROWN.