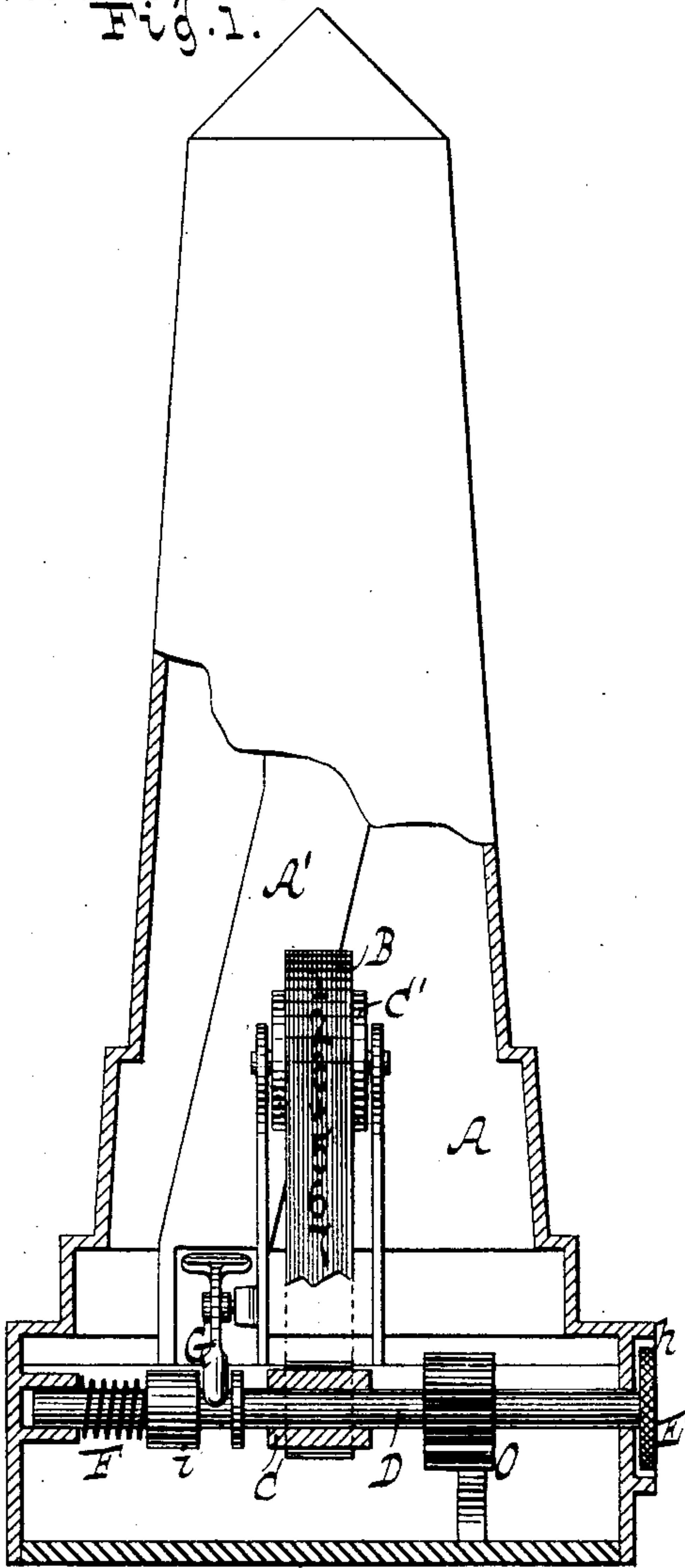


(No Model.)

J. H. BROWN.

TOY SAFE.

No. 245,127.  
Fig. 1.



Patented Aug. 2, 1881.  
Fig. 2.

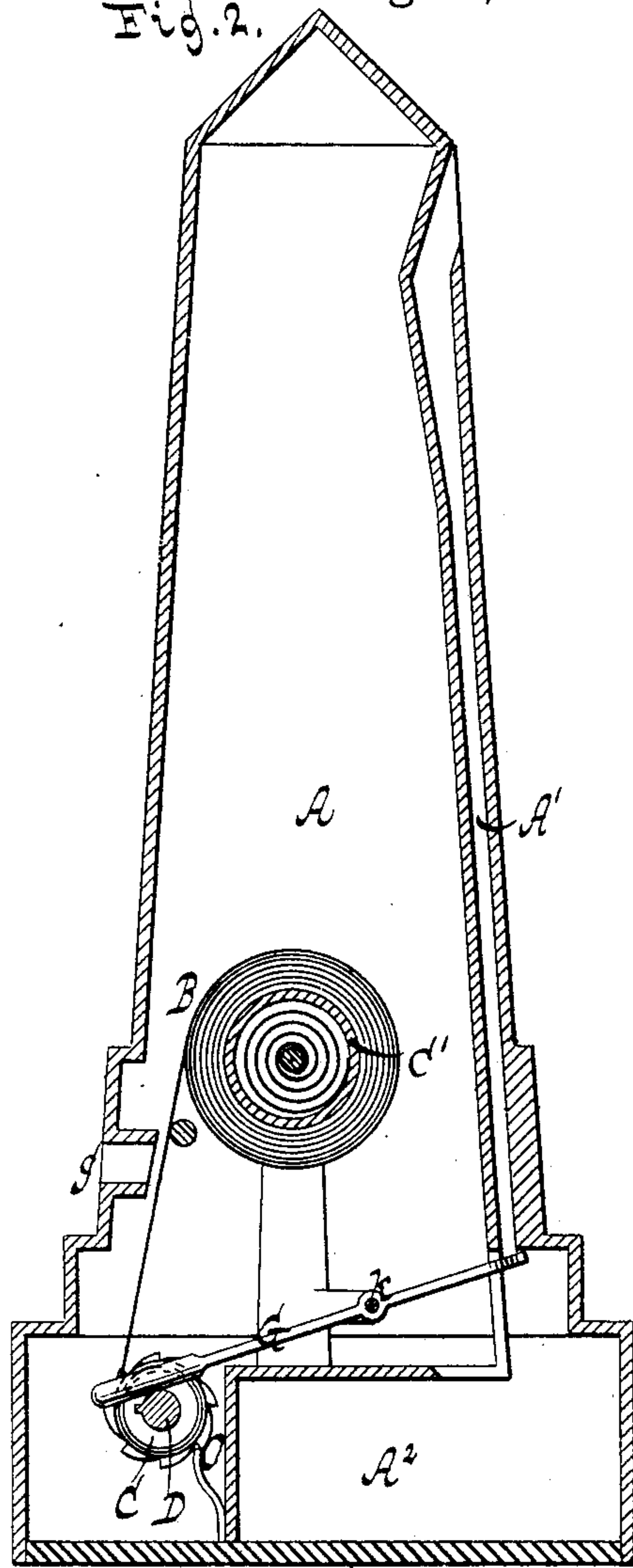
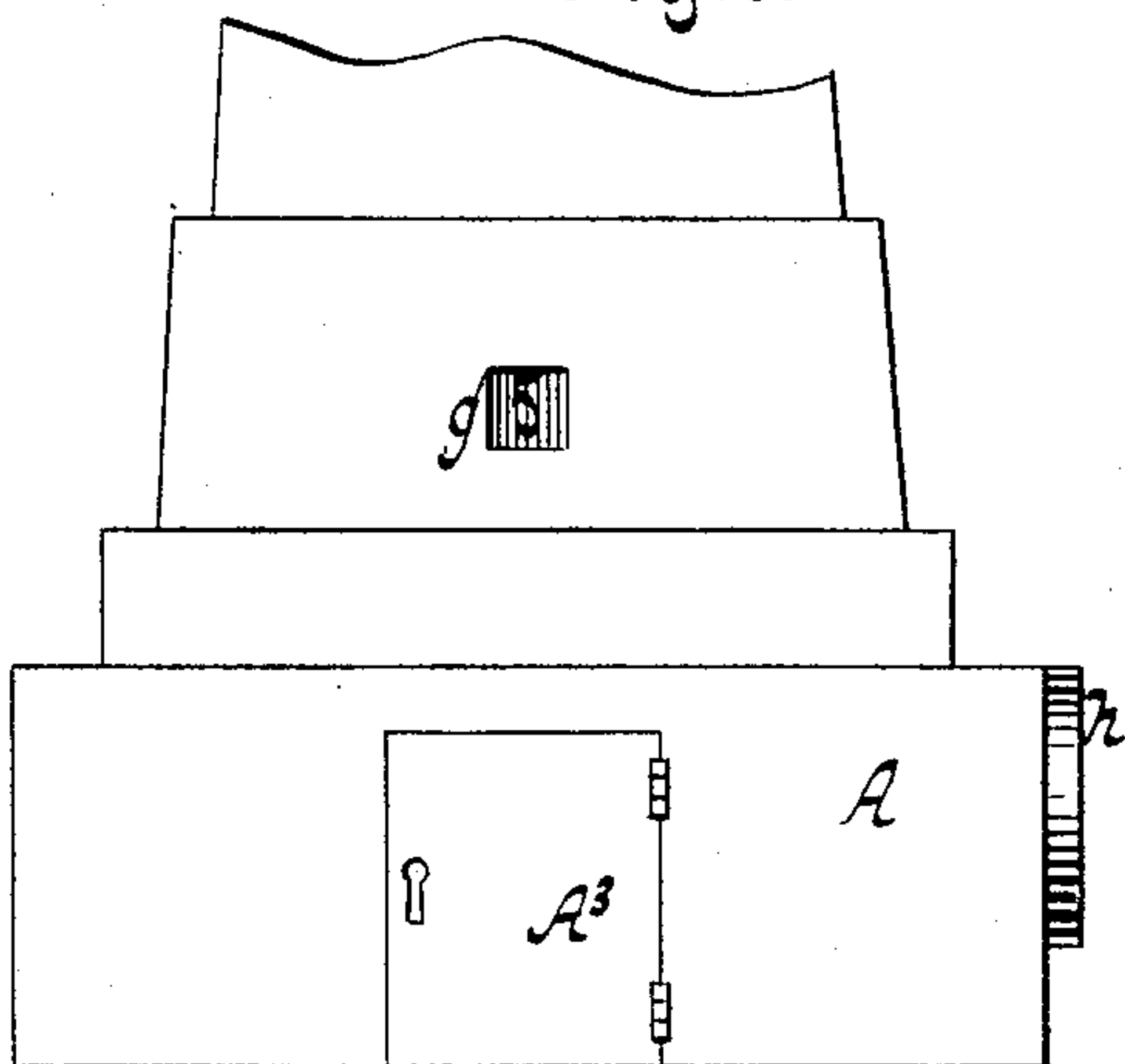


Fig. 3.



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Witnesses.  
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# UNITED STATES PATENT OFFICE.

JOHN H. BROWN, OF NEW YORK, N. Y.

## TOY SAFE.

SPECIFICATION forming part of Letters Patent No. 245,127, dated August 2, 1881.

Application filed June 21, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. BROWN, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Toy Safes, of which the following is a specification.

My invention consists in a toy safe having the form of an obelisk or any other suitable form, in which are combined a numbered apron for registering the amount of money deposited in the safe, a roller for shifting the apron, the shaft of which is capable of longitudinal motion and projects from the safe at one end, where it is provided with a finger-button, adapted to be turned in the outer position of the shaft, but not in its inner position, a spring acting on the roller-shaft with a tendency to force it to an outer position, and a lever arranged to project across the receiving-throat of the safe at one end and to engage the roller-shaft at the opposite end in the inner position of the shaft, acting as a stop, so that when a coin is dropped into the receiving-throat the lever is tilted by the weight of the coin and the roller-shaft is released, allowing it to follow the action of the spring and bringing the finger-button to a position for turning it.

This invention is illustrated in the accompanying drawings, in which Figure 1 represents a vertical section, partly in side view. Fig. 2 is a similar section at right angles to Fig. 1. Fig. 3 shows the base of the article in side view.

Similar letters indicate corresponding parts.

The letter A designates the body of the safe; B, the register-apron; C, the apron-shifting roller; D, the roller-shaft; E, the finger-button; F, the spring, and G the stop-lever.

In this example the body A has the form of an obelisk, being cast in one piece, and the receiving-throat A' being formed in one side thereof, extending from the top to the base, at which point is formed the money-compartment A<sup>2</sup>, having a door, A<sup>3</sup>. In one side of the body is formed a hole, g, and the register-apron B is located next to such side, on the interior of the safe, so that its face is exposed through the hole.

On the face of the apron B are marked figures to represent the monies deposited in the safe, and the lower end of the apron is secured to the roller C to wind thereon, its upper end

being secured to another roller, C', from which it unwinds, and which may be provided with a spring for returning the apron thereto when it has been entirely unwound. If desired, however, the register-apron may be an endless one, simply extending over two rollers analogous to the rollers C C'. The roller C is fixed to its shaft D by means of a feather-key, so that the roller shares the revolving motion of the shaft, while the latter is allowed a longitudinal motion. The roller-shaft D is so arranged in its bearings that it is capable of longitudinal motion, and it projects from the safe at one end, at which point is located the finger-button E. When the shaft D is pushed to an inner position, as shown in Fig. 1, the finger-button E enters a recess, h, formed in the side of the safe, and is thus rendered practically inaccessible, so that it cannot be turned in that position of the shaft. But this result can also be attained in other ways—as, for example, by providing the finger-button with inwardly-projecting pins catching in sockets formed in the side of the safe when the shaft is moved to an inner position.

The spring F is coiled on the roller-shaft D bearing against a head, i, thereon, its tendency being to force the shaft to an outer position; but the spring can be arranged in various other ways.

The lever G has its fulcrum at k, on a suitable pivot, and it projects across the receiving-throat A' of the safe at one end, while it engages the roller-shaft D at the other end, whenever this shaft is moved to an inner position, namely, by dropping into a groove in the head i, acting as a stop to the shaft. That end of the lever G extending across the receiving-throat A' is spoon-shaped, while the other end is weighted to drop into the groove in the head i; but, if desired, a spring may be used for this purpose.

When a coin is dropped into the receiving-throat A' it strikes the lever G and tilts the latter, whereby the roller-shaft D is released and allowed to move to an outer position under the influence of the spring F, thus bringing the finger-button E to a position for turning it, by which means the register-apron is shifted to change the figures displayed through the opening G, while, when the shaft is pushed



back or inward against the spring, the lever assumes its normal position.

It will be seen that by my invention a child is enabled to register the monies successively placed in the safe, and thus to keep a correct record of its contents, while such record is not liable to be tampered with, because the registration can take place only at the time a coin is added, the apparatus being, moreover, simple in its construction and comparatively inexpensive.

A ratchet, O, is combined with the roller-shaft D to prevent its return movement, this ratchet being placed in an accessible position, and, if desired, a bell and hammer may also be combined with the shaft for sounding an alarm whenever the apron is shifted.

The register can be constructed of wheels, instead of the apron B, so arranged as to register the number of coin introduced into the money-box, and therefore I do not limit my invention to the exact devices herein shown and described.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, substantially as hereinbefore set forth, of the register-apron, the apron-shifting roller having its shaft capable of longitudinal motion and arranged to project from the safe at one end, the finger-button on the projecting end of the roller-shaft, adapted to be turned only in the outer position of the shaft, the spring acting on the roller-shaft with a tendency to force it to an outer position, and the lever arranged to project across the receiving-throat of the safe at one end and to engage the roller-shaft at the other end in the inner position of the shaft.

2. A toy money-box provided with a registering mechanism, substantially as described, whereby the number of coin introduced into the box can be registered and indicated, as set forth.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

JOHN H. BROWN. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.