

B. COLE.
Money Safe.

No. 46,779.

Patented March 14, 1865.

Fig. 1.

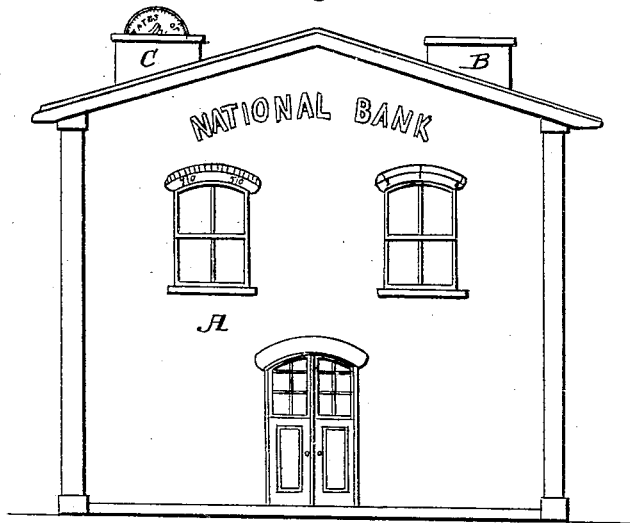
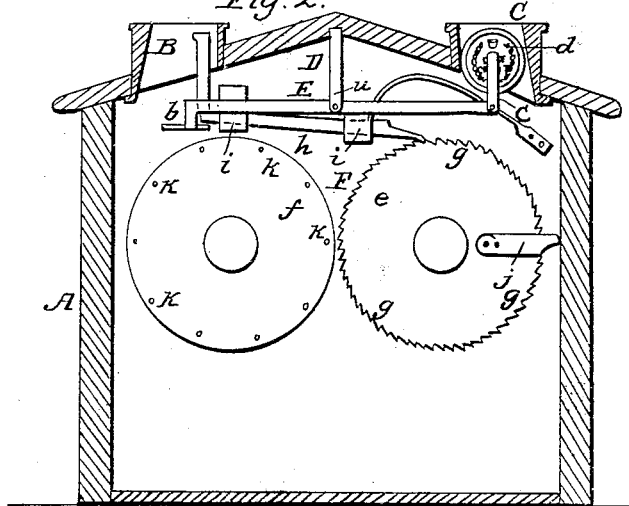


Fig. 2.



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UNITED STATES PATENT OFFICE.

BENJAMIN COLE, OF BROOKLYN, NEW YORK.

MONEY-SAFE.

Specification forming part of Letters Patent No. 46,779, dated March 14, 1865.

To all whom it may concern:

Be it known that I, BENJAMIN COLE, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Money-Safe; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a front elevation of this invention. Fig. 2 is a transverse vertical section of the same.

Similar letters of reference indicate like parts.

This invention consists in the application to a money-safe of a reciprocating beam or other equivalent device, in combination with the receiving-spout, and with one or more supplementary openings, which may or may not be made to correspond in shape and size to said receiving-spout, in such a manner that a coin dropped into the receiving-spout, by coming in contact with the reciprocating beam or equivalent device, causes a similar or another coin or any other desirable body or figure to appear in said supplementary opening or openings, and thus the act of depositing a coin in the money safe is rendered a source of pleasure and amusement for children as well as grown persons.

The invention consists, also, in the employment or use of a registering apparatus, constructed as hereinafter described, in combination with a money-safe in such a manner that the amount of money deposited in the safe can be ascertained at any moment simply by observing the figures exhibited by the dial or dials of said registering apparatus.

A represents a money safe made of wood or any other suitable material, in the form of a building or in any other desirable form or shape. It is closed all round and provided with a receiving-spout, B, and with one or more supplementary openings, C, which may be made to resemble in form and appearance the receiving-spout or not, as may be desirable.

In the drawings only one supplementary opening is represented, but from the following description it will be readily understood that several such openings can be applied.

A hanger, D, which is secured to the in-

terior of the safe A between the spout B and opening C, forms the bearing for the fulcrum-pin *a* of the oscillating beam E, and this beam is provided at that end under the receiving-spout with a platform, *b*, and its other end is hinged to a link, *c*, which rises up into the opening C, and has secured to its upper end a penny, *d*, or any other coin or device of any description. The beam E is so balanced that the end bearing the penny *d* is depressed, but if a penny or other coin is dropped through the receiving-spout on the platform *b*, the penny *d* rises up through the opening C, while the coin introduced through the receiving-spout drops down into the safe.

It is obvious that instead of the penny *d* a device of any other description might be applied to the beam E at its end under the opening C, and instead of said beam a spring-catch or other mechanism might be applied, which being released by the act of dropping a coin through the receiving-spout would cause a coin, figure, or other device to rise or protrude through one or more openings C.

In order to ascertain the number of coins introduced through the receiving-spout, a registering apparatus, F, is applied to the safe A. This registering apparatus consists, essentially, of one or more wheels, *e f*, the first of which is numbered with figures from 0 to 100, the other with figures from 0 to 9, the former to register the units and tens, and the latter the hundreds.

The wheel *e* is provided on its circumference with ratchet-teeth *g*, and motion is imparted to it by a spring-pawl, *h*, which engages with said teeth. This pawl is guided by suitable loops or brackets, *i*, secured to the inside of the safe A, and its end extends up into the receiving-spout, and is held in such a position that a penny (or other coin) passing through said spout will press the pawl back and cause the wheel *e* to advance one tooth, and by placing a figure opposite to each tooth the number of coins introduced through the spout is registered. The motion of the wheel *e* is transmitted to the wheel *f* by an arm, *j*, which acts upon a series of studs, *k*, projecting from the inner surface of said wheel. The number and position of the studs *k* correspond to the figures on the face of said wheel *e*. Therefore the wheel *f* is propelled for the distance of one

stud from the other and a new figure is brought in sight. The units, tens, and hundreds are thus registered; but it will be readily understood that by slight alterations in the mechanism the registering apparatus can be arranged to show figures of any desired denomination, and I do not wish to restrict myself to the precise construction of the registering apparatus shown in the drawings, but reserve the right to change the same as circumstances will demand. The position of the registering-wheels may also be changed at pleasure, and the holes through which the figures are visible may be in one of the sides or in the top of the safe.

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

1. The application to a money-safe of a reciprocating beam, E, or other equivalent device, carrying on one end a penny or other coin or device, and operating in combination with the receiving-spout B, and with one or more supplementary openings, C, in the manner and for the purpose substantially as set forth.

2. In combination with a money-safe, the registering apparatus F, constructed substantially as described, so as to be operated by the act of introducing money, in the manner and for the purposes specified.

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Witnesses:

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