

(No Model.)

2 Sheets—Sheet 1.

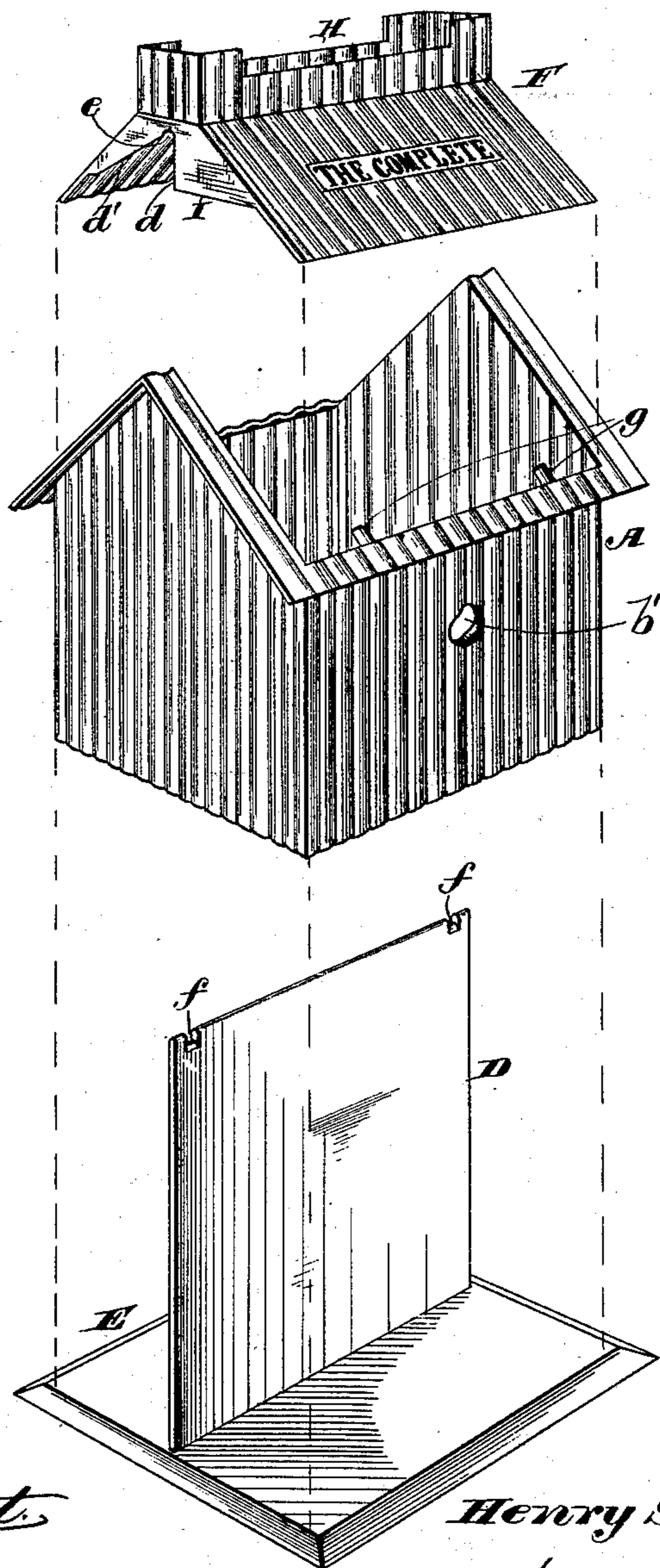
H. S. COCHRAN.

MATCH SAFE.

No. 282,272.

Patented July 31, 1883.

*Fig. 1.*



Witnesses.

*Robert Everett.*

*J. A. Rutherford.*

Inventor

*Henry S. Cochran.*

By *James L. Norris*

*Atty.*

(No Model.)

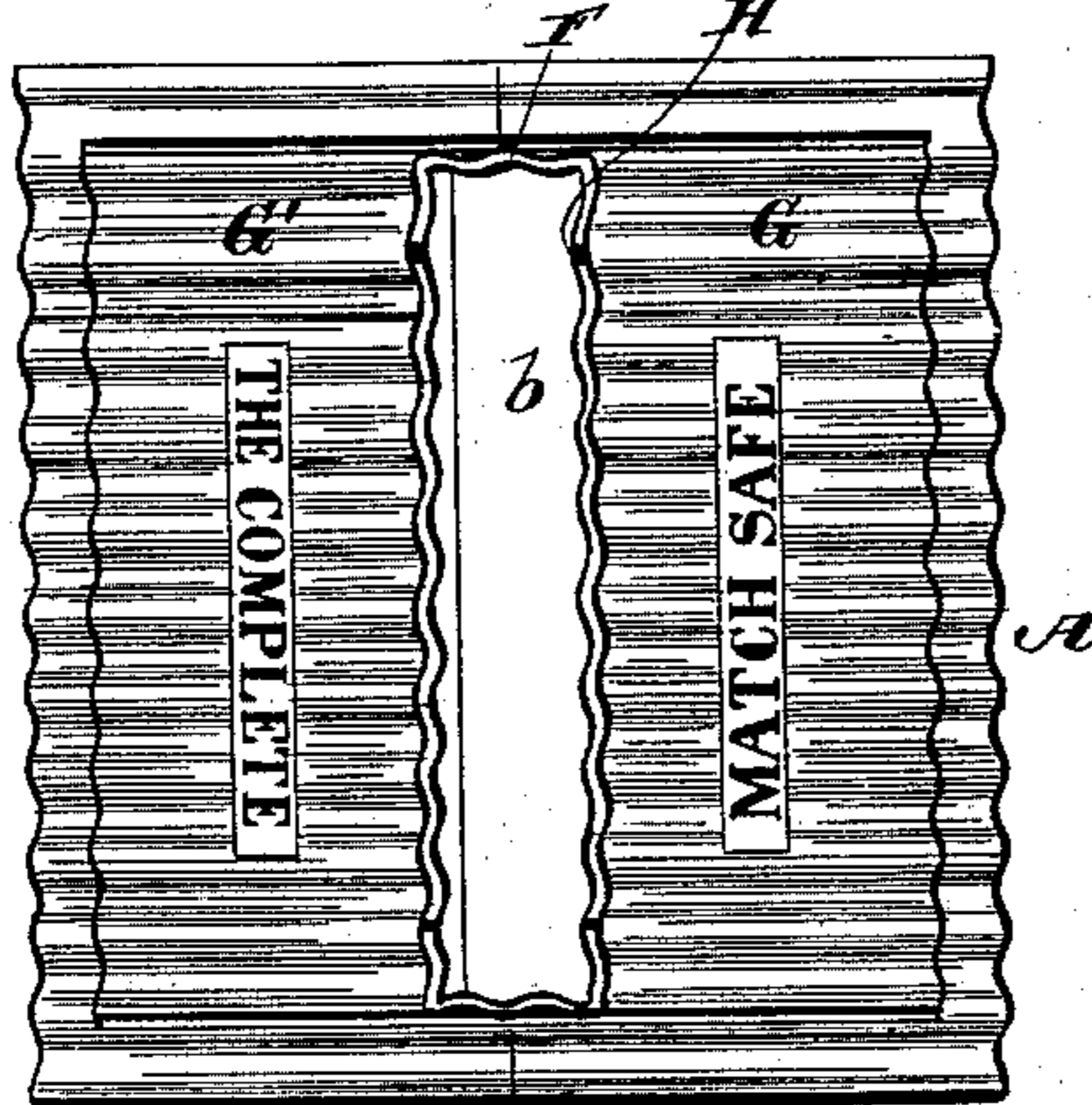
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H. S. COCHRAN.  
MATCH SAFE.

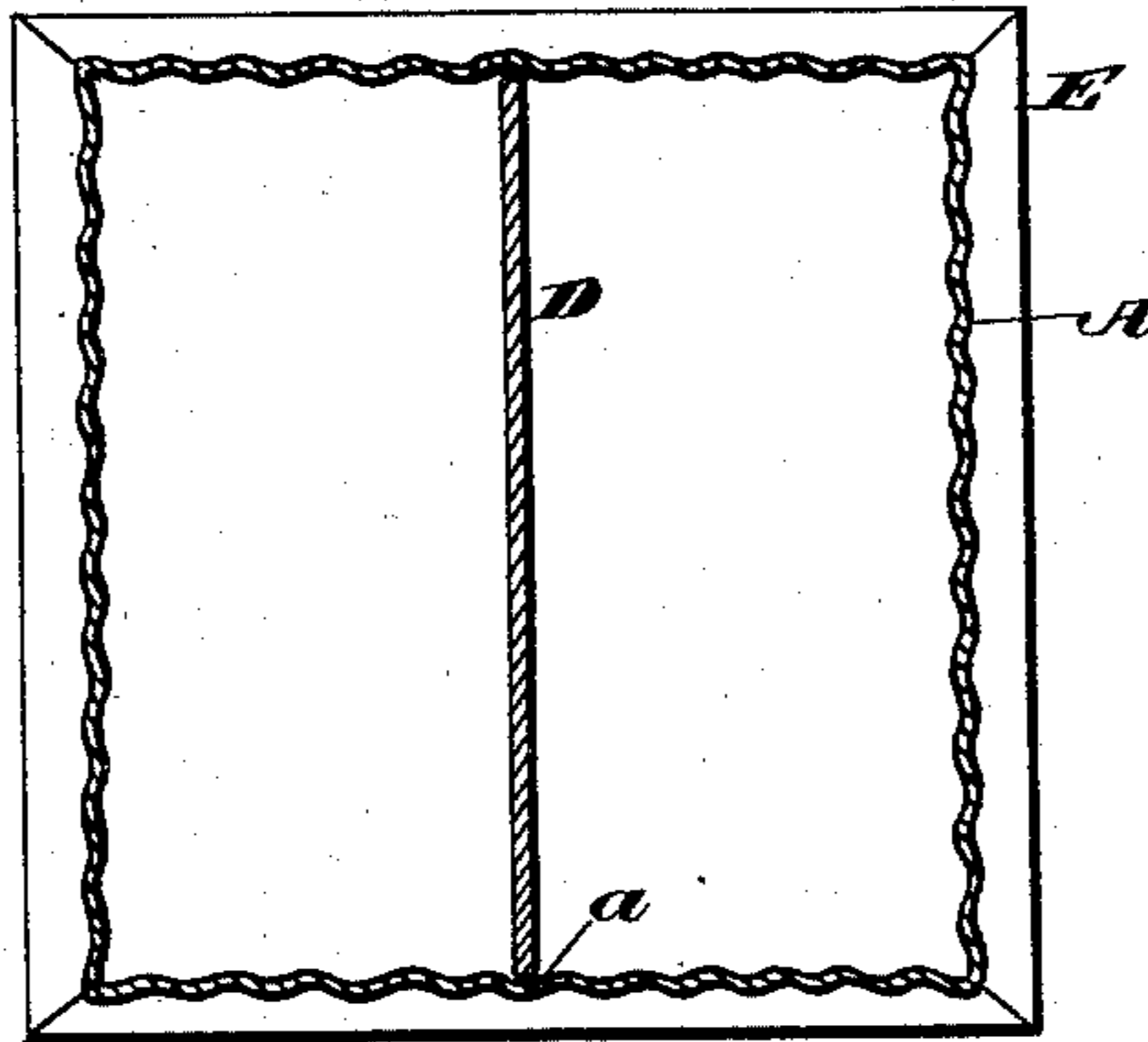
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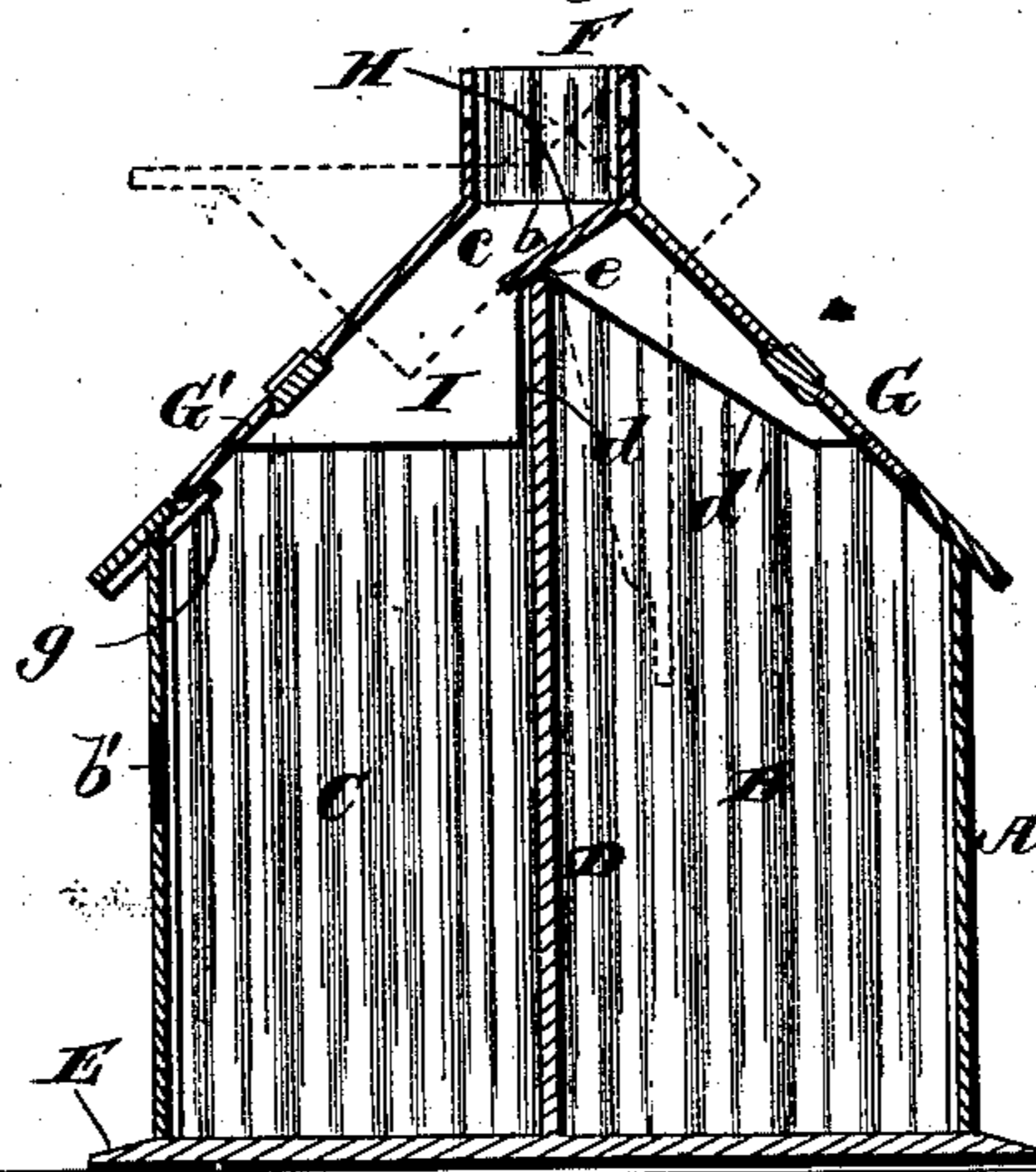
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses,  
*Robert Everett,*  
*J. A. Rutherford*

Inventor:  
*Henry S. Cochran,*  
By *James L. Norris,*  
*Atty.*

# UNITED STATES PATENT OFFICE.

HENRY S. COCHRAN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO  
STEPHEN A. COCHRAN, OF SAME PLACE.

## MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 282,272, dated July 31, 1883.

Application filed June 2, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY S. COCHRAN, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Match-Safes, of which the following is a specification.

My invention relates to match safes or boxes, and has for its object the production of a safe the parts of which are few and can readily be put together, and, if desired, taken apart, and which, as a whole, can be made at a small cost, and which will be efficient for its intended use; and to those ends it consists in the construction, as well as in the combination, of parts hereinafter particularly described, and afterward specifically defined by the claims. The parts can be made of either sheet or cast metal, and with plain or corrugated sides; but I prefer to make them of cast metal with corrugated sides.

In the accompanying drawings, Figure 1 is a perspective of the three pieces composing the box or safe detached from each other. Fig. 2 is a plan view of the safe; Fig. 3, a horizontal section thereof below the top, and Fig. 4 a vertical transverse section.

In the drawings, the letter A indicates the shell of the safe, cast in one piece and divided into two chambers, B and C, by a partition, D, cast in one piece with the base or bottom E, and passed up from the bottom of the shell into grooves *a*, and held by compression by the parts fitting snugly together, although it may be held by screws or other means. The grooves *a* are parts of the corrugations; but they may be formed by independent depressions in the sides of the shell, or by flanges, or in any other way desired.

The top or cover F is preferably removable, and has deflecting sides G, or hips G and G', to cover, respectively, the match-chamber B and the debris-chamber C, and is provided at its apex with a longitudinal trough, H, which has an inclined bottom, *b*, deflecting toward the chamber C, so as to leave a slot or space, *c*, between its lower edge and one side of the trough, through which burned matches may be dropped into the debris-chamber.

At each end of the top, extending from one

hip to the other, below the longitudinal trough, there is a plate, I, which has a portion cut away, so as to form a vertical edge, *d*, and a downwardly-oblique edge, *d'*, and at the juncture of the two edges on lines there is a circular notch, *e*, so that when the top is set down on the top edge of the division-plate D the notches *e* will fit into notches *f*, formed in the edge of the partition-plate. By cutting the end plate so as to form the vertical and the oblique edges the hip or side of the top over the match-chamber can be pressed inward, so that matches can be taken out, while the other side cannot be pressed inwardly, by reason of the vertical edge of the end plate bearing against the side of the partition-plate, so that the debris-chamber can never be opened for the match-chamber. Moreover, by so forming the end plates one side of the top is heavier than the other, so that the top works automatically to close the match-chamber. By the circular notches in the end plates fitting into the notches in the partition-plate the top is held down firmly to its place and prevented from slipping. To further guard against the possibility of the side of the top over the debris-chamber being pushed inward, I form lugs *g* on the inside edge of the upper part of the shell, as shown, so that the lower edge of that side of the top will strike against them and be prevented from falling below. If desired, however, these lugs may be omitted, as may also the notches in both the end plates and the partition-plate, without going beyond the scope of my invention; and some other means than what I have described for balancing, weighting, or pivoting the top, so as to make it automatic in its working, may be employed without evading my invention; but I prefer the several means described.

To distinguish at a glance the match from the debris chamber, I mark the debris-chamber with the words "The Complete," which may be cast with the top or made separate therefrom, and attached thereto by either soldering or brazing, and I mark the match-chamber with the words "Match-Safe," which may be formed in the same manner as the other words.

The safe may rest stationary upon a table or shelf, or may be suspended from a nail, an

opening, *b'*, being formed in its side for that purpose.

What I claim is—

1. The match-safe divided into a match and  
5 a débris chamber, in combination with the self-adjusting cover, operating to open or close both chambers simultaneously, substantially as set forth.

2. The match-safe divided into a match and  
10 a débris chamber, in combination with the self-adjusting cover provided with a trough communicating with the débris-chamber, substantially as set forth.

3. The match-safe composed of a shell di-  
15 vided into a match and a débris chamber by a vertical partition, a self-adjusting cover to both chambers fulcrumed on the partition-plate, and provided with a trough having an inclined

bottom, and communicating with the débris-chamber, substantially as set forth. 20

4. The shell, divided into chambers by the partition having notches in its top edge, in combination with the self-adjusting cover provided with end plates formed as described, and fitting into the notches in the partition- 25 plate, and provided with the trough having an inclined bottom communicating with one of the chambers, as set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing wit- 30 nesses.

HENRY S. COCHRAN.

Witnesses:

JAMES L. NORRIS,  
J. A. RUTHERFORD.