

H. RICHMOND.

Match Safe.

No. 94,775.

Patented Sept. 14, 1869.

Fig. 1

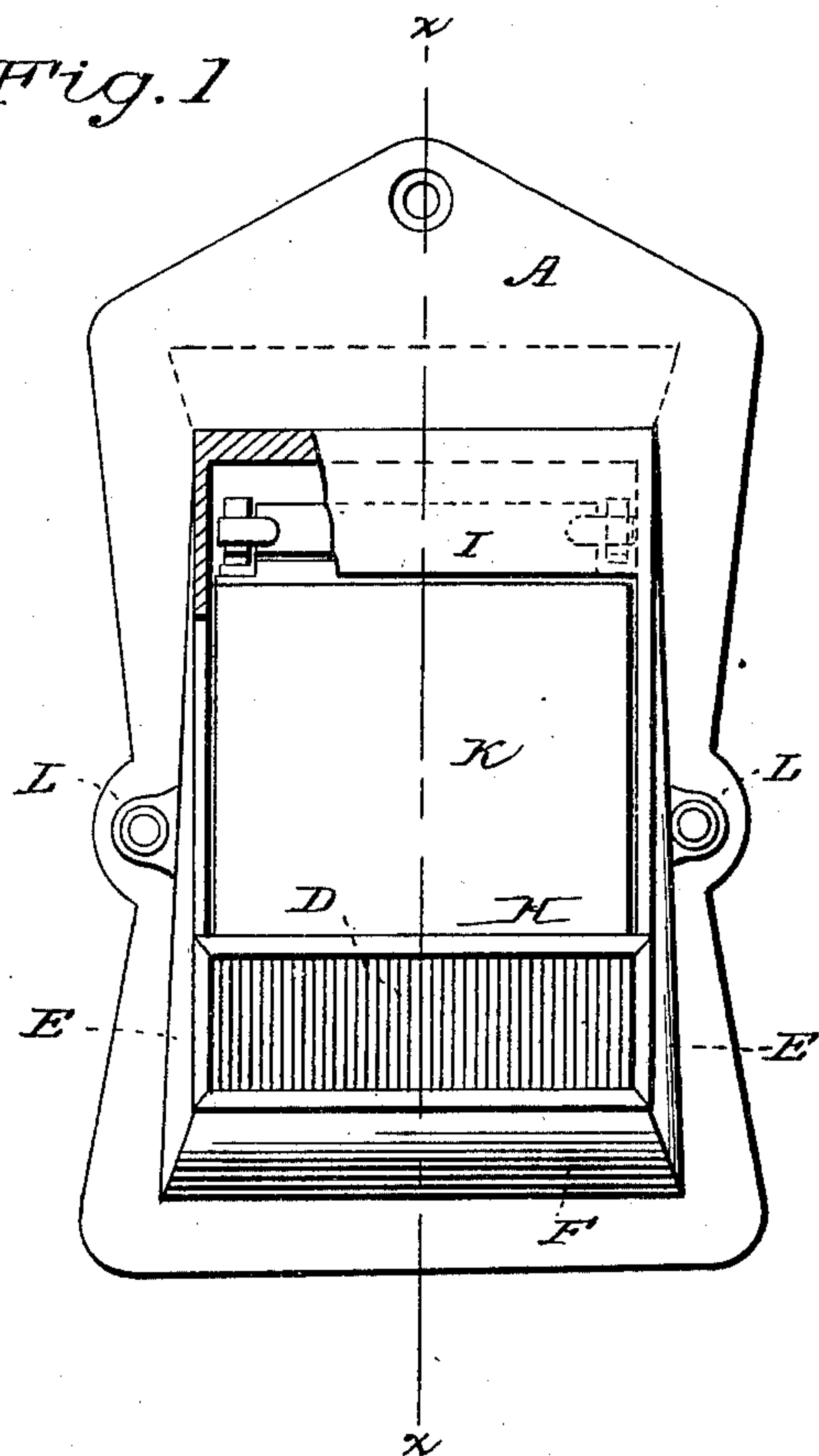
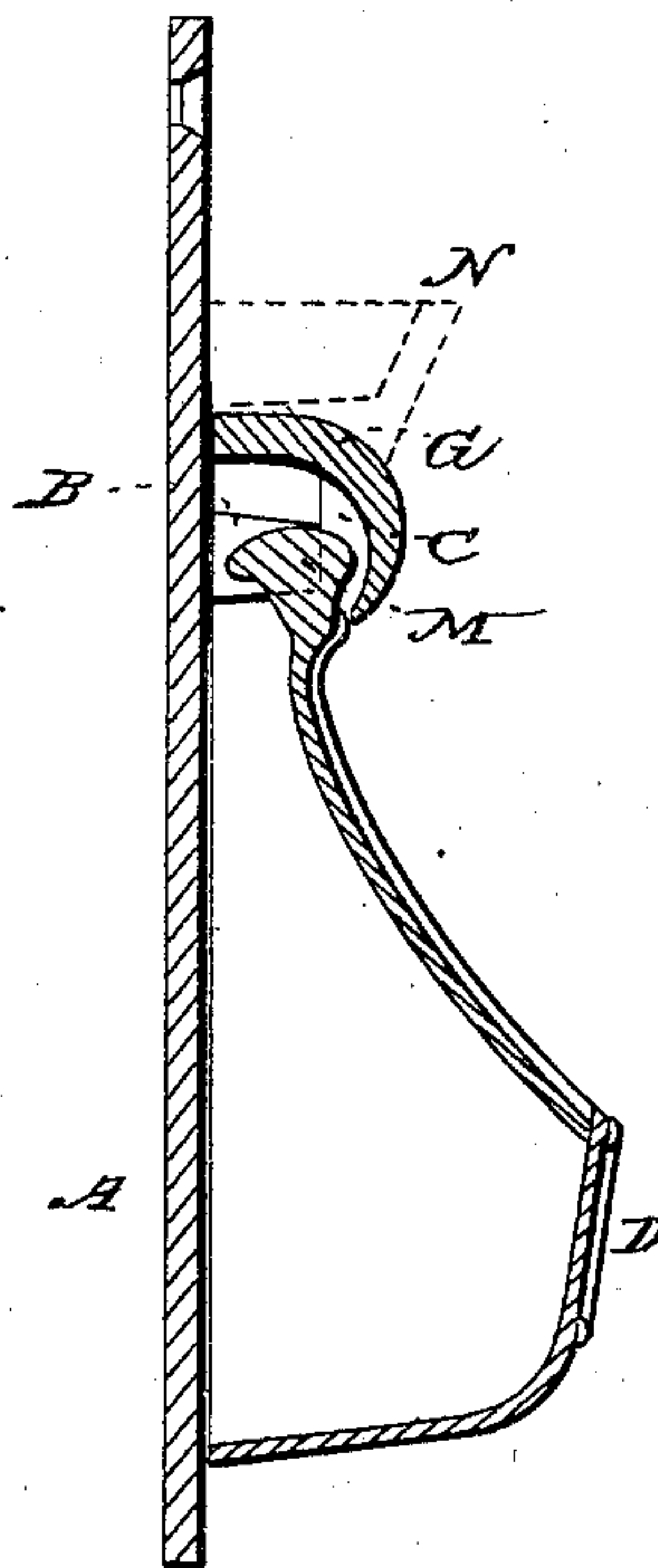


Fig. 2



Witnesses
Attestment of
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Letters Patent No. 94,775, dated September 14, 1869.

IMPROVEMENT IN MATCH-SAFES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HIRAM RICHMOND, of West Meriden, in the county of New Haven, and State of Connecticut, have invented a new and improved Match-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 drawing, forming part of this specification.

This invention relates to improvements in the construction of match-safes, such as are provided with self-closing doors, whereby it is designed to simplify and cheapen the cost of the same.

The invention consists in so forming the back of one piece, and the front, sides, and top of another piece, by casting of any preferred metal, that when placed in position together, for securing by screws or rivets, coincident recesses formed in each, or recesses in one and projections in the other part, will constitute bearings for the doors, which are made self-closing, by weighting one side, all as hereinafter more fully specified.

Figure 1 represents a front elevation of my improved safe, with a part broken out; and

Figure 2 represents a sectional elevation of the same, taken on the line *x-x* of fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the back plate, which I make of cast-metal, of any suitable form in its boundary lines, and with two projections B from the front face, near the top, which may be either plain at the ends, or have semicircular grooves therein; or they may be otherwise formed, to constitute bearings for the journals of

the doors, when matched with other projections C, suitably formed on the inner face of the front D, which is also made of cast-metal, so shaped as to form side walls E E, bottom and top walls F G, and front, with an opening between the points H I, wherein a weighted door, K, is suspended in the aforesaid bearings.

The side walls are provided with ears L, for securing to the back plate.

The part of the front below the door, which forms the receptacle, projects to a greater extent from the back plate, and the side walls from this point upward curve backward toward the top.

The door is shaped to fit this curvature, and is cast with journals, to fit in the bearings above mentioned, as shown at M, and is weighted behind the said journals, to throw the bottom forward, as clearly shown in fig. 2.

I propose also, when required, to shape these front parts as shown in red at N, to form upper receptacles for the burnt match-sticks.

The form of these parts is such that they are all easily moulded for casting, and the front and back are secured by rivets or screws, in a very cheap and simple manner.

Having thus described my invention,

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

A match-box, formed of the cast-metal back A, front D, and weighted door K, when all constructed and arranged substantially as specified.

HIRAM RICHMOND.

Witnesses:

GEO. W. SMITH,
E. C. BEUZANT.