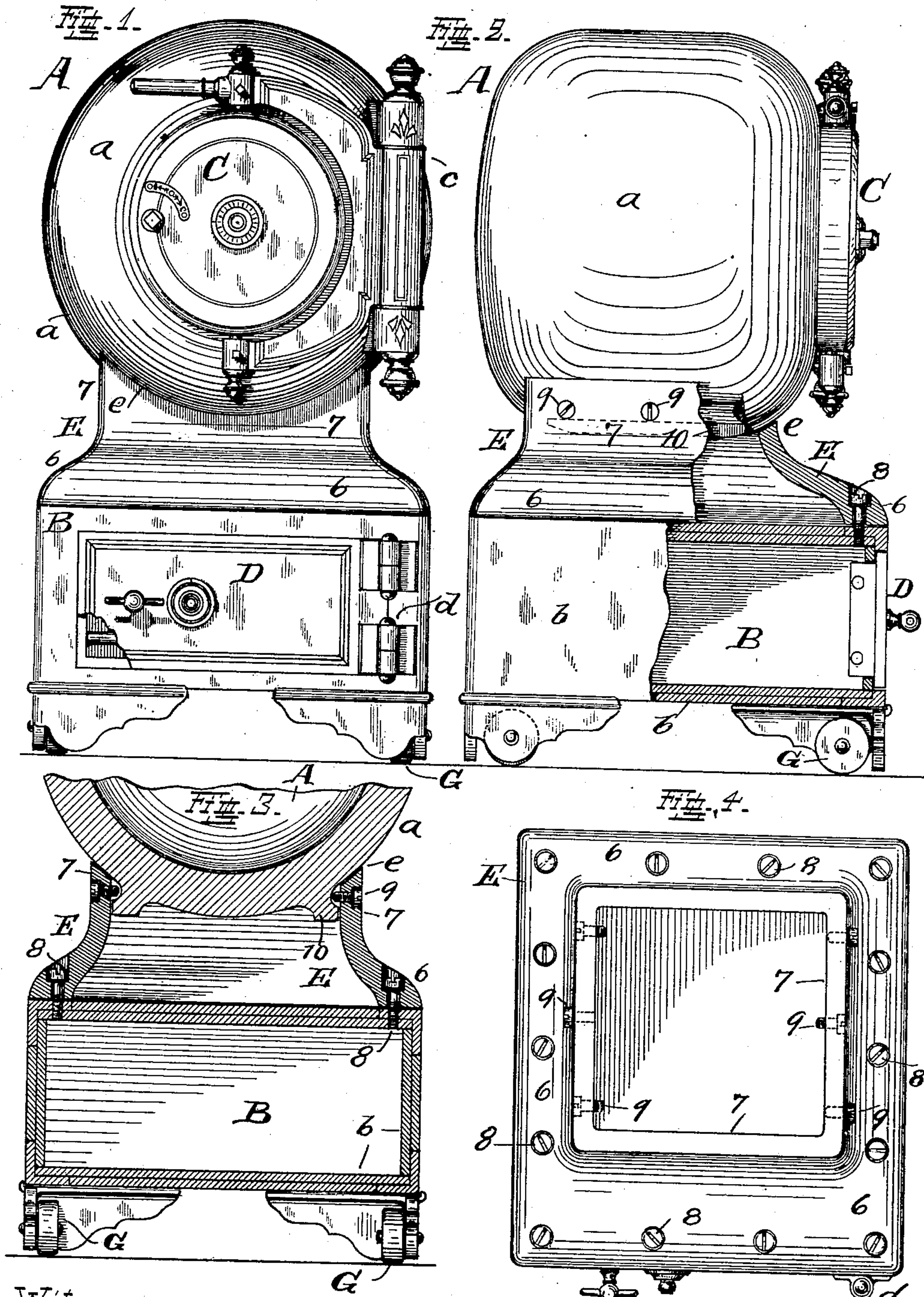


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SAFE STRUCTURE.
APPLICATION FILED SEPT. 28, 1908.

912,473.

Patented Feb. 16, 1909.



Witnesses.
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UNITED STATES PATENT OFFICE.

GEORGE A. HATTERSLEY, OF NORWOOD, OHIO, ASSIGNOR TO THE VICTOR SAFE & LOCK COMPANY, OF CINCINNATI, OHIO, A CORPORATION OF OHIO.

SAFE STRUCTURE.

No., 912,473.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE A. HATTERSLEY, a citizen of the United States, and residing at Norwood, Hamilton county, State of Ohio, have invented certain new and useful Improvements in Safe Structures; and I do declare the following to be a clear, full, and exact description of the invention, attention being called to the accompanying drawing, with the reference characters marked thereon, which form also a part of this specification.

This invention relates to improvements in safes and contemplates a particular construction whereby increased storage capacity is provided without requiring enlarged floor-space.

In the following specification and particularly pointed out in the claims at the end thereof, will be found a full description of my invention, together with its parts and construction, which latter is also illustrated in the accompanying drawing, in which:—

Figure 1, is a front-view of my improved safe. Fig. 2, is a side-elevation of the same, partly in section. Fig. 3, is a vertical cross-section of the lower part of the safe, taken in a plane parallel to the plane in which the safe is shown in Fig. 1. Fig. 4, is a top-view of the lower part of the safe.

Two compartments are provided, an upper one A, and a lower one B. The walls or sides constituting the inclosure *a* for the upper compartment, form a body in shape substantially spheroidal on its outside as best shown in the drawing. This body is preferably made of a casting. In the flattened portion of the wall of this body an opening for access is provided to which a door C is fitted, hinged at *c*. The particular arrangement, means and construction for seating and locking this door have no bearing on the invention.

The walls or sides *b* constituting the inclosure for the lower compartment B, form a rectangular box-shaped body, and are preferably built up of plate-work. In one of the sides of this inclosure an opening for access is provided to which a door D is fitted, hinged at *d*. Customary means are provided for locking this door.

An intermediate connecting frame E is provided which serves as a base for the upper safe-body and as a medium to connect the two safe bodies to each other. This

frame is hollow and its lower part forms a flange 6, fitted at its outline to the top of the lower compartment B, upon which it rests. From this flange it curves upwardly and inwardly being contracted to form four upright sides 7. The upper safe-body A rests upon the upper edges of these four sides, these edges being shaped to fit snugly against the curved outside of this safe-body.

The parts are assembled as shown in Fig. 1, that is the two safe-bodies are placed so that access to them may be had from the same side of the completed structure, such side constituting the front thereof.

Frame E is connected to the lower safe-body by means of screws 8. Screws 9, seated in two of the sides 7—7, opposite each other, serve to hold the upper safe-body to this frame. The ends of these screws pass over the upper edges of the two ridges 10 projecting parallel to each other from the underside of the upper safe-body. They are so spaced that when this upper body is placed upon the frame, they pass into the same and close against the inner side of these two sides.

The heads of the screws, after seated, are covered with a suitable substance like putty so that the outside of frame E, presents a smooth surface for finishing.

Casters G are placed under the lower safe-body.

Having described my invention, I claim as new:

1. In a safe-structure, the combination of a lower safe-body, an upper safe-body and an intermediate frame between the two.

2. In a safe-structure, the combination of a lower safe-body, an upper safe-body and a frame between the two upon which the upper safe-body is supported and whereby the two safe-bodies are connected to each other.

3. In a safe-structure, the combination of a lower, rectangular box-shaped body, an upper safe-body of a shape substantially spheroidal and an intermediate frame fitted with its lower part to the upper side of the lower safe-body and contracted in its upper part and shaped to meet the curved underside of the upper safe-body all three being connected to form a single structure.

4. In a safe-structure, the combination of a lower, rectangular box-shaped body, a four-sided hollow frame fitted with its lower part to the upper side of this safe-body to which it is connected and contracted in its upper part,

an upper safe-body of a shape substantially spheroidal, supported upon the contracted upper part of the frame, the upper edges of the sides of which are shaped to fit against
5 the upper safe-body which has projecting ridges on its under side parallel to each other and spaced to fit against the inside of two of the sides of the hollow frame, and screws

seated in these sides and projecting on their inside over the ridges mentioned. 10

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

GEORGE A. HATTERSLEY.

Witnesses:

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T. LE BEAU.