

**No. 679,375.**

Patented July 30, 1901.

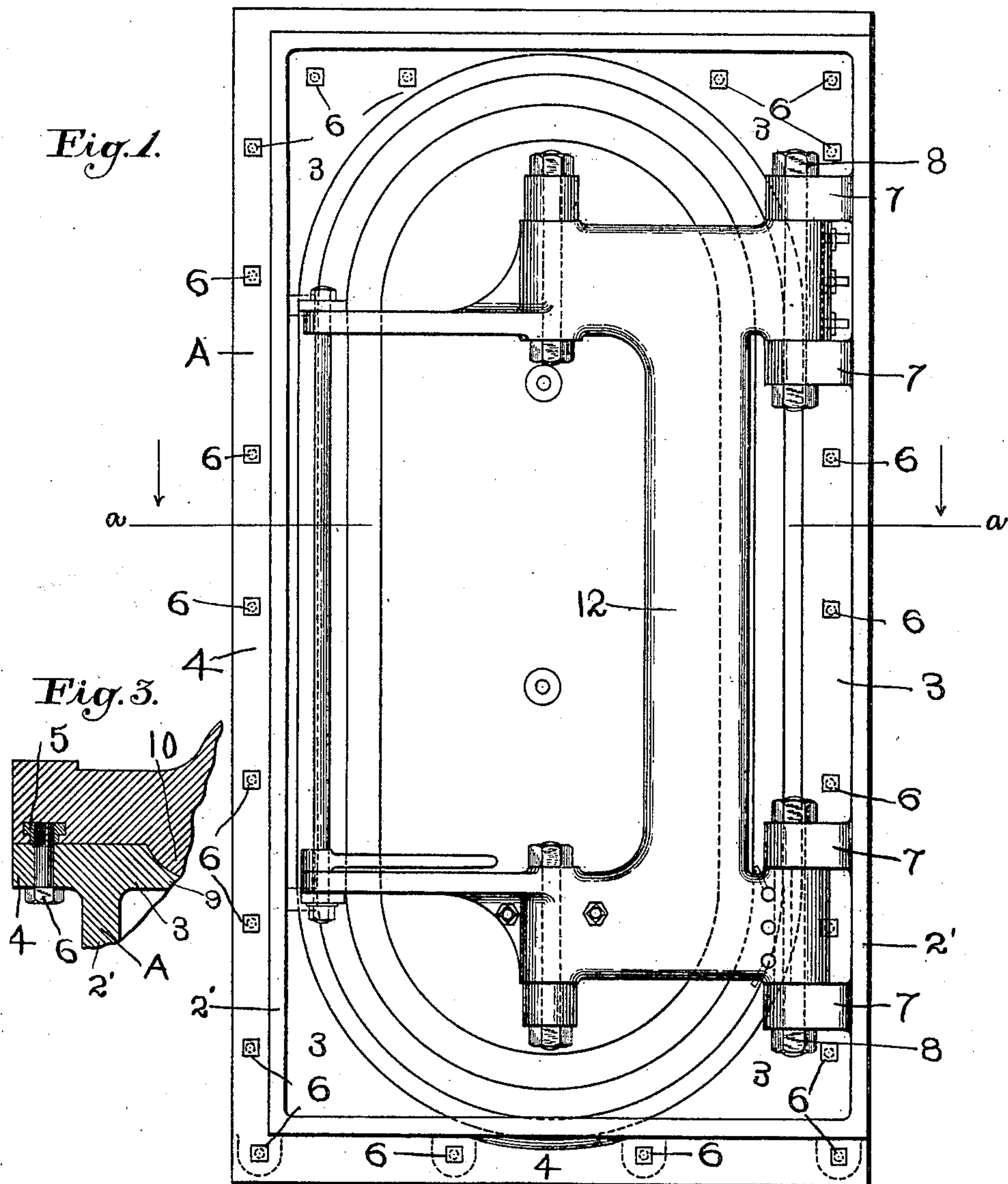
H. D. HIBBARD.

**FALSE FRONT FOR SAFES OR VAULTS.**

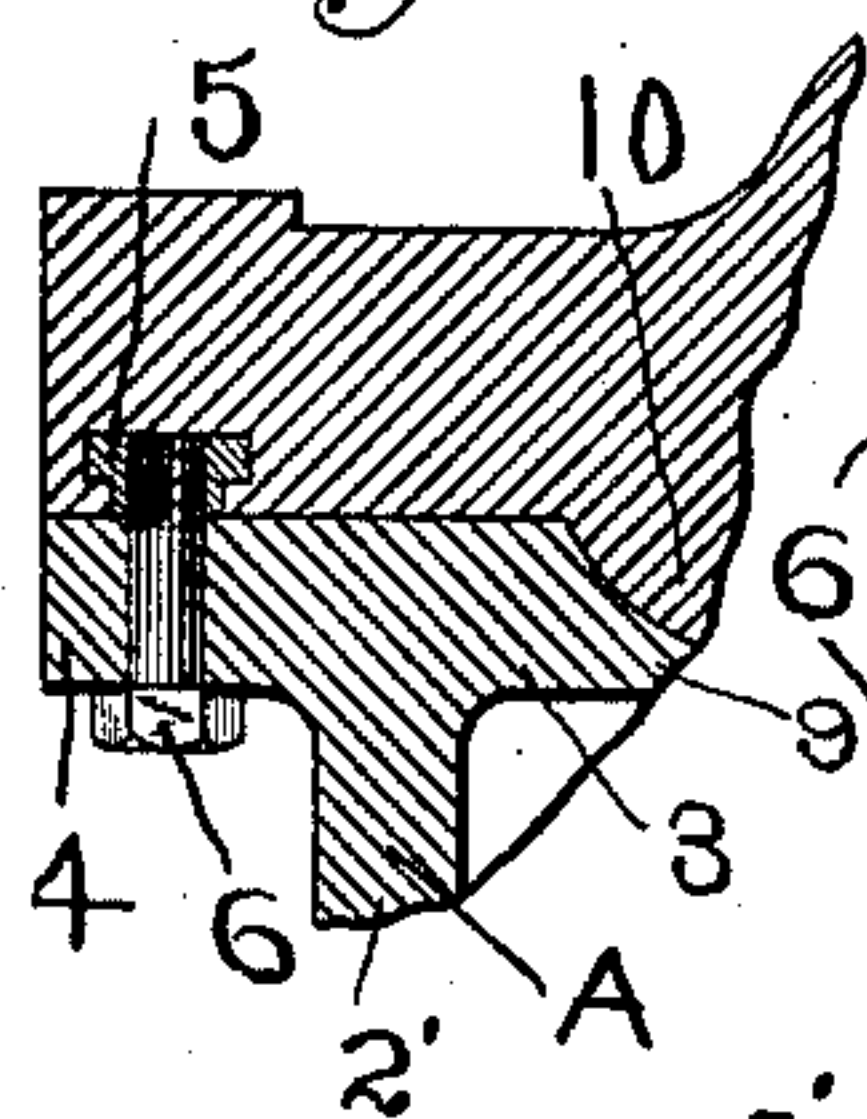
(Application filed Oct. 31, 1900.)

(No Model.)

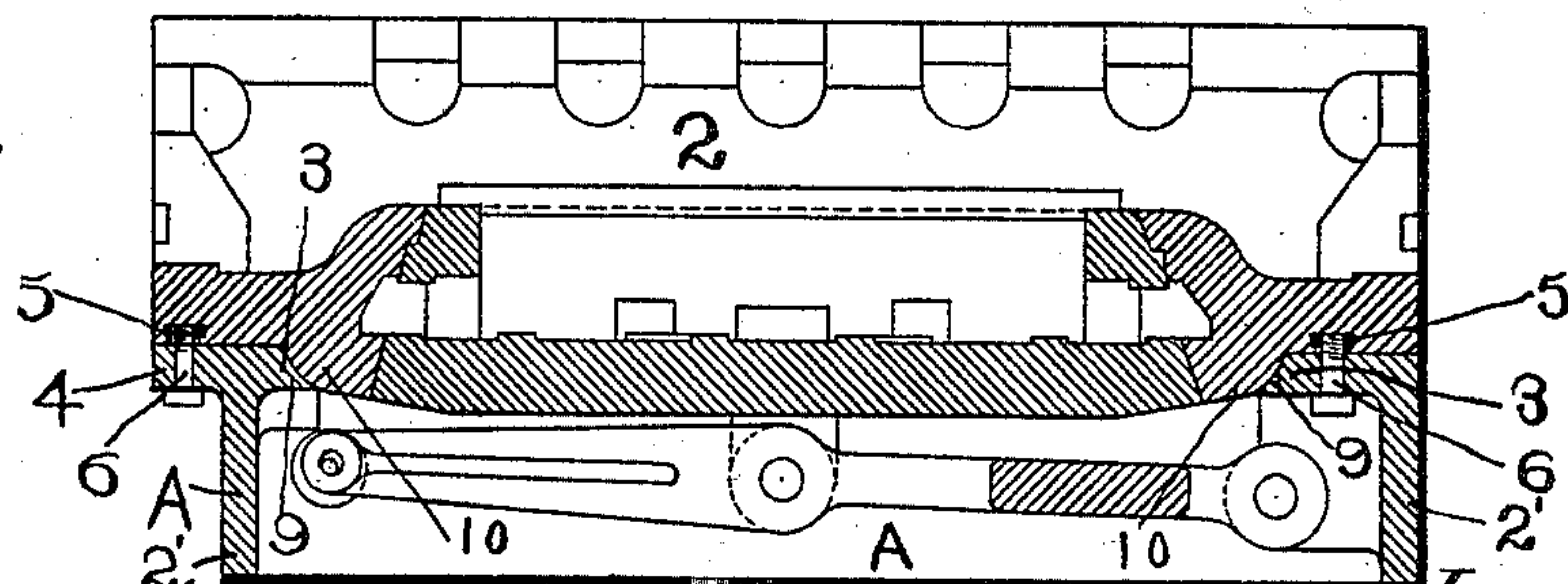
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



*Witnesses:-*

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# UNITED STATES PATENT OFFICE.

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## FALSE FRONT FOR SAFES OR VAULTS.

SPECIFICATION forming part of Letters Patent No. 679,375, dated July 30, 1901.

Application filed October 31, 1900. Serial No. 34,992. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY D. HIBBARD, a citizen of the United States, residing in Plainfield, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in False Fronts for Safes or Vaults, of which the following is a specification.

This invention relates to safes or vaults, and more particularly to the means for supporting the door on the body thereof, the object of the invention being to provide an improved false front or frame for such a structure and method of assembling the same, thereby to furnish a means of supporting the door without the necessity of casting lugs upon the body.

In the drawings accompanying and forming part of this specification, Figure 1 is a front view of a vault-body with this improved false front or frame secured thereto. Fig. 2 is a sectional view taken in line *a a*, Fig. 1; and Fig. 3 is a detail sectional view, on an enlarged scale, showing the method of securing the front to the vault-body.

Similar characters of reference indicate corresponding parts in the several figures of the drawings.

In the manufacture of large-sized vaults it is not always practicable to cast the necessarily large-sized lugs for the hinge-pintles on the front, and consequently it is necessary to provide a practicable means for carrying the hinge. Moreover, it is desirable to construct the vault of unmachineable metal—such, for instance, as “manganese steel”—by which I mean that character of steel patented by Hadfield. When “unmachineable metal” is used, however, by which is meant that metal which cannot be drilled or bored in any practicable manner, it is a tedious and also an expensive operation to grind the massive ears or lugs when cast of the material forming the vault, especially when it is desired to form a plurality of sets of such lugs for the reception of the pintle or pintles. Therefore it is desirable to form the lugs of soft steel, whereby they can be more easily worked. I accomplish this object by providing means formed

of machineable metal, such as soft steel, for carrying the door-hinge.

To accomplish the present object, I provide the safe or vault body 2 with a false front or frame, (designated in a general way by A,) which may be formed of any kind of metal, preferably of soft steel, whereby the lugs and other parts thereof may be readily worked by ordinary tools. This frame may of course conform in shape to the general shape of the safe or vault and may, for instance, be circular or of other shapes, if desired. In the present instance it is shown as an oblong frame, comprising a forwardly-extending flange 2' and laterally-extending flanges 3 and 4, by means of which latter it is secured to the safe or vault body, it being shown secured to the front thereof in the present instance, such front being cast with soft-metal inserts 5, whereby threaded openings may be formed in such inserts for the reception of the frame-bolts 6, which are shown projecting from the front. Of course it will be readily seen that the removal of this false front will in no wise assist in entering the safe, the body and door of which may be formed, if desired, in the manner shown and described in my contemporaneously-pending applications, Serial No. 679,976, filed May 7, 1898, and Serial No. 696,394, filed November 14, 1898, now Patents Nos. 662,428 and 662,429, respectively, dated November 27, 1900. This false front is provided with the necessary number of lugs 7 for the reception of the hinge pintle or pintles 8. The hinge 12, which secures the door to the false front, and thereby to the body of the vault, is shown as a crane-hinge pivotally connected to lugs of the door and to the lugs 7 of such false front. The construction of this hinge, however, constitutes the subject-matter of a separate application filed simultaneously herewith, Serial No. 35,196, and therefore a further description thereof is not deemed necessary herein.

In the present instance the false front is shown having its flange 3 extending inwardly and conforming to the shape of the doorway, being preferably shaped to conform to a



flange or ring of metal 10, which is located around the doorway, the purpose of which is clearly set forth in said applications above referred to, while its flange 4 is located exteriorly.

By means of this false front it will be seen that the hinge may be located entirely within the same, so as not to project therefrom.

From the foregoing it will be seen that the present improvement comprises a pair of members, one shown as a body having soft-metal inserts therein and the other shown as a false front united to such body member by means, such as bolts, projecting from the front member into said inserts.

Having described my invention, what I claim is—

1. A safe or vault body having soft-metal inserts located therein, and a false front or frame having an outwardly-extending flange and secured to said body by bolts projecting from said front into said inserts.

2. A safe or vault body the front of which is provided with soft-metal inserts, and a false front or frame secured to such body-front by bolts projecting into said inserts, said frame comprising a forwardly-extending flange having located on the interior thereof lugs or ears for the reception of the hinge pintle or pintles, and also having laterally-extending flanges for the reception of such bolts.

3. A safe or vault body provided with a

doorway and around such doorway with a bead or flange, and a false front or frame bolted to such body and having a part thereof in engagement with said bead or flange.

4. A false front or frame for safes or vaults comprising one or more laterally-extending bolt-receiving flanges and an outwardly-extending flange adapted to completely surround all sides of the safe or vault jamb.

5. A safe or vault body member having soft-metal inserts located therein, and a structure secured to such body member by means projecting from said structure into said inserts.

6. A safe or vault body the front of which is provided with soft-metal inserts, and a false front or frame secured to such body-front by bolts projecting from said front into said inserts.

7. A safe or vault body having soft-metal inserts located therein, and a false structure or frame secured to said body by means projecting therefrom into said inserts.

8. A safe or vault body having soft-metal inserts, and a false frame or front secured to such body by means projecting into such inserts, said false front having lugs or ears for the reception of the hinge-pintle.

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Witnesses:

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