P. F. AUGENBRAUN.

LOCK.

APPLICATION FILED AUG. 29, 1921.

1,426,702. Patented Aug. 22, 1922.

Fig. 1.

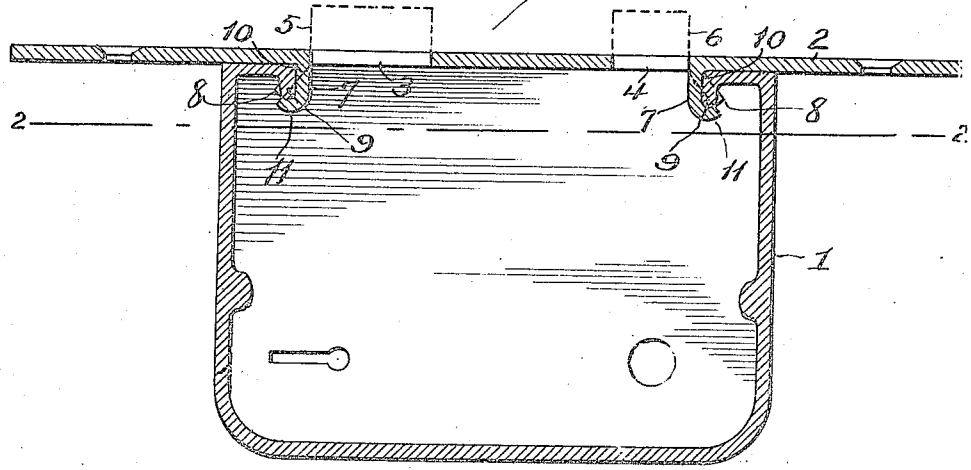


Fig. 2.

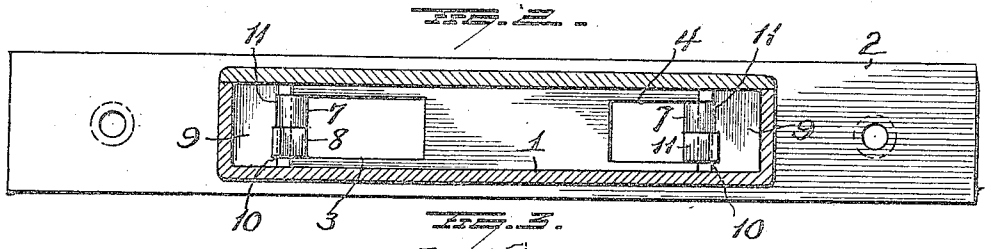


Fig. 3.

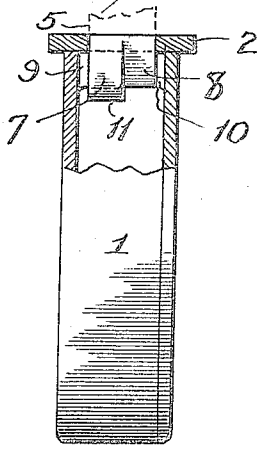


Fig. 4.

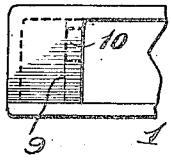


Fig. 5.

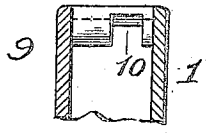
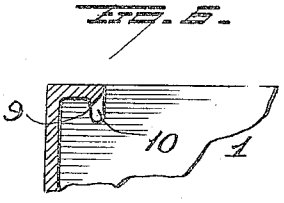


Fig. 6.



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LOCK.

1,426,702. Specification of Letters Patent. Patented Aug. 22, 1922.

Application filed August 29, 1921. Serial No. 496,286.

To all whom it may concern:

Be it known that I, PETER F. AUGENBRAUN, a citizen of the United States, and a resident of Stamford, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in locks and more particularly to the construction of a casing and face plate,—one object of the invention being to provide simple and efficient means for securing the front plate to the case.

With this and other objects in view, the invention consists in certain novel features of construction and combinations of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings, Figure 1 is a sectional view of a lock casing and front plate embodying my improvements. Figure 2 is a sectional view on the line 2—2 of Figure 1. Figure 3 is a rear view partly in section, and Figures 4, 5 and 6 are detail views.

In the drawing, the lock casing is represented at 1 and 2 illustrates a sheet metal front plate for the casing. This front plate is cutaway and the metal bent inwardly to provide openings 3—4 for the bolts,—the latter being represented in dotted lines at 5—6. The inwardly bent portions of the face plate provide clamping members, each of which consists of tongues 7 and 8. The lock casing is provided at its front with inwardly projecting lugs 9, each of which is notched as at 10.

When the face plate is applied to the front of a lock casing with the tongues composing the clamping members projecting into the casing, the free end portions of the tongues 7 will be bent to form lips 11 which are made to engage the free inner edges of the lugs 9 and thus outward movement of the face plate relatively to the lock casing will be prevented. In order effectually to prevent sliding displacement of the face plate relatively to the casing, the tongues 8 will be bent so as to enter the notches 10 in the lugs 9.

Having fully described my invention what I claim as new and desire to secure by Letters Patent, is:

1. The combination with a lock casing, of a face plate provided with a tongue cut from the metal of said face plate and entering the casing and having interlocking engagement therewith.

2. The combination with a lock casing provided with a front end portion and having a lug projecting into said casing from said front end portion, of a face plate provided with a tongue entering the casing and having locked engagement with the inner end of said lug.

3. The combination with a lock casing provided therein with an inwardly projecting lug, of a sheet metal face plate provided with an integral tongue entering said casing, said integral tongue having a lip portion engaging the free end of said inwardly projecting lug in the casing.

4. The combination with a lock casing, of a face plate having an integral tongue engaging the lock casing, said lock casing having a notch, and a tongue projecting from the face plate and adapted to enter said notch in the casing.

5. The combination with a lock casing provided therein with a notched lug, of a face plate provided with two tongues to enter the lock casing, one of said tongues engaging the free edge of said lug and the other of said tongues engaging in the notch of said lug.

6. The combination with a lock casing provided therein with a lug having a notch, of a face plate provided with two inwardly projecting tongues formed by the metal of the face plate which is bent inwardly to form a bolt opening in the latter, one of said tongues provided at its free edge with a lip to engage the free edge of the lug in the casing and the other of said tongues bent to enter the notch in said lug.

7. The combination with a lock casing provided therein with two lugs, each hav-

ing a notch, of a face plate, the latter being cutaway and the metal of the cutaway portions being bent inwardly forming two bolt openings, the inwardly projecting portions of the face plate constituting two clamping members each comprising two tongues, one tongue of each pair having a lip to engage the free edge of the adjacent lug in the casing, and the other tongue of each pair bent to engage in the notch of the adjacent lug in the casing.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

PETER F. AUGENBRAUN.

Witnesses:
CHAS. A. BERRY,
CHAS. LEDIN.