Dec. 6, 1927. 1,651,936

G. L. SWIFT

TOY BANK

Filed May 11, 1925

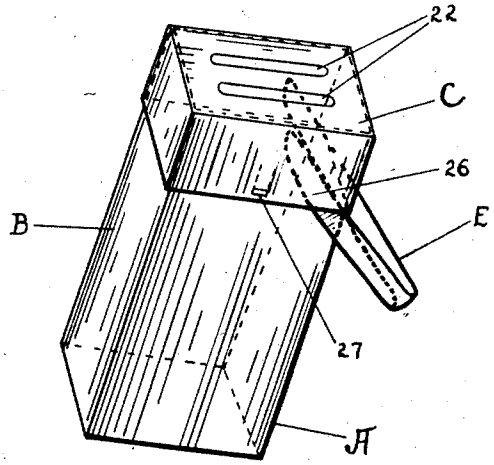


Fig. 1

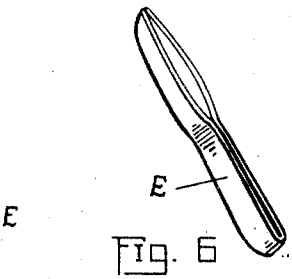


Fig. 6

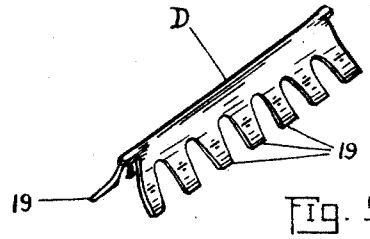


Fig. 5

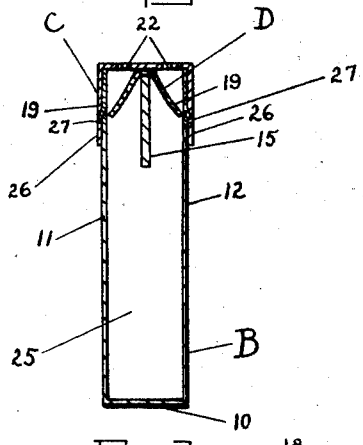


Fig. 2

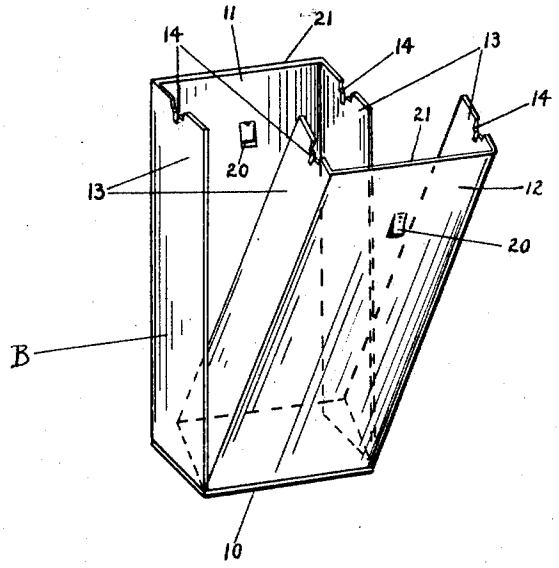


Fig. 3

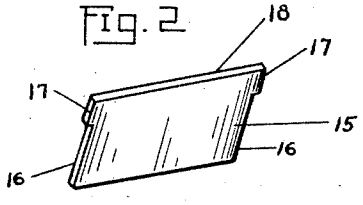


Fig. 4

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UNITED STATES PATENT OFFICE.

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TOY BANK.

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My invention relates to toy banks wherein it is desired to form a bank entirely of sheet metal so that it can be stamped out of sheet material and formed up into the desired shape.

A feature of the invention resides in means providing a bank having a rectangular shape with side walls adapted to overlap in a manner to provide longitudininal end walls which can be locked together by suitable key members which slip into complemental notches formed in the overlapping side walls to lock the same together.

The invention includes a flat key member which forms the division at the mouth of the bank permitting a closing member of a spring nature, carried by the key inside the cover of the bank, directly below the coin openings so that the coins can be inserted into the bank past the spring closing member to prevent the coins from being removed through the coin openings after they are placed into the bank. This closing member is formed with a series of spring fingers so as to permit the coin to press by the same and yet causing the spring fingers to quickly close the opening after the coin has been inserted in the bank.

A simple spring tongue locking means is provided which engages on either side of the cover to hold the same locked onto the sides of the bank and by means of a spring key, having thin engaging fingers, which is adapted to be inserted under both sides of the cover at the same time, the spring locking means can be released.

These features, together with other details of construction, will be more fully set forth in the specification and claims.

In the drawings forming part of this specification:

Figure 1 is a perspective view of my bank.

Figure 2 is a central cross section of the same.

Figure 3 is a perspective view of the body of the bank illustrating the manner in which it is formed and showing the overlapping sides of the same in partially open position.

Figure 4 is the locking key for the bank.

Figure 5 illustrates the spring closing member.

Figure 6 illustrates the key for opening the bank.

In the drawings I have illustrated my bank A with a body portion B formed of sheet metal, stamped out of a single piece of material which is provided with a bottom portion 10, sides 11 and 12, and overlapping ends 13 formed on and projecting at approximately right angles from the sides 11 and 12.

The overlapping sides 13 are formed with complemental notches 14 which coincide when the sides 13 are fully overlapped.

When the sides of the bank A are fully overlapped the key partition 15 is inserted between the side walls, so that the edges 16 of the same extend between the overlapping side walls and the projecting tongues 17 formed on the ends of the key 15 at the top 18, engage in the notches 14. The width of the key 15 between the edges 16 is approximately the same as the width between the inner ends 13 of the bank. The tongues 17 project sufficiently to equal the width of the thickness of the two overlapping sides 13, and thus form key means for engaging in the notches 14 and thereby locking the overlapping sides in set up position as illustrated in Figure 2.

When the body of the bank B is set up with the key 15 locking the overlapping side walls 13 in closed position a spring closure D, having spring fingers 19 projecting on either side of the same, is placed over the top edge 18 of the key 15 at the top opening of the body of the bank B.

The side walls 11 and 12 are formed with tongues 20 which are cut from the material of the side walls and adapted to extend outwardly in a downward position from the top edge 21 of the sides 11 and 12.

A suitable cover C is provided for the bank A which is formed with parallel extending coin openings 22 which extend on either side of the partition key 15 and are positioned directly above the spring closure D so that the spring fingers 19 of the closure D extend from the partition key 15 to engage under spring tension with the inner surface of the sides 11 and 12 to form a closure below the coin openings 22 to pre-

vent picking of the bank so that the coins can not be removed through the coin openings after they have been inserted into the coin chamber 25 of the bank.

Obviously as many fingers 19 as may be desired can be applied, making it difficult to remove the coins out of the openings 22 out of the chamber 25.

The cover C is provided with depending side walls 26 which engage with the sides 11 and 12 and which are provided with small openings 27 formed and positioned to engage with the free ends of the spring tongues 20 formed in the sides 11 and 12 so that when the bank cover C is slipped over the open end of the body B of the bank, the tongues 20 engage in the openings 27 and lock the cover rigidly to the body. The cover conceals the major portion of the tongues 20 so that they are not readily apparent and without a particular formation of key the bank cannot be easily opened.

I provide such a key E as illustrated in Figure 6 and as illustrated in dotted outline in operation of removing the cover by extending between the sides 26 and the side walls 11 and 12. When the key E is inserted under the sides 26 of the cover C, as illustrated in Figure 1, and the free ends of the same are turned in a downward direction the tongues will be pressed out of engagement with the openings 27 and thereby permit the removal of the cover C.

My bank is of a very simple, inexpensive construction, being stamped from sheet material formed up and folded together and locked in this position by the key 15 and the cover C. It may be desirable to make my bank of a thin flat nature so that it will fit into the vest pocket and in doing this it is only necessary to make the bank wide enough to receive coins in a flat state through the openings 22. It is important to provide the locking key partition to hold the sides locked together and the cooperation of this with the spring closure D, together with the locking of the cover C, form a bank of a very desirable construction, having a neat and attractive outer appearance.

In accordance with the patent statutes I have described the principles of operation of my bank and in the drawings I have illustrated a particular formation of the same, but I desire to have it understood that this is only illustrative and that the invention can be carried out by other means and applied to uses other than those above set forth within the scope of the following claims.

I claim:

1. A toy bank formed of sheet material having overlapping side walls, notches formed in said side walls adapted to coincide when the walls are lapped over each other, a locking key adapted to engage in said notches to hold the walls in closed position and a cover adapted to close said bank and to form a coin receiving end therefor.

2. A bank formed of sheet material, a body portion formed of a single piece of sheet material having a bottom centrally disposed between the side walls of said body portion, overlapping portions formed on said body, a locking key adapted to engage said overlapping portions to lock the same in closed position, a cover having coin openings therein and means formed on said cover and body of said bank for locking the cover in closed position.

3. A bank having a coin receptacle formed of sheet material, overlapping sides formed on said receptacle, notches formed in the overlapping sides adapted to coincide when in closed position, a flat key adapted to fit in said notches to hold said sides in closed position, a closure having a series of spring tongues adapted to be carried by said key and a closure for said bank having coin openings adapted to be positioned directly above said spring closure.

4. A bank including a body portion formed with overlapping sides, a flat key interlocked in said sides to hold the same in closed position, a spring closure member formed with a series of spring fingers, a cover for said bank, spring tongues formed in the body of said bank adapted to engage in notches formed in said cover to lock the same on said bank and a flat key having a pair of free ends adapted to be inserted between the cover and the sides of the bank to release the locking tongues from said notches to open said bank.

GEORGE L. SWIFT.