2 Sheets—Sheet 1.

B. F. KELLY.

Till-Check.

No. 197,377. Patented Nov. 20, 1877.

Fig. 1.

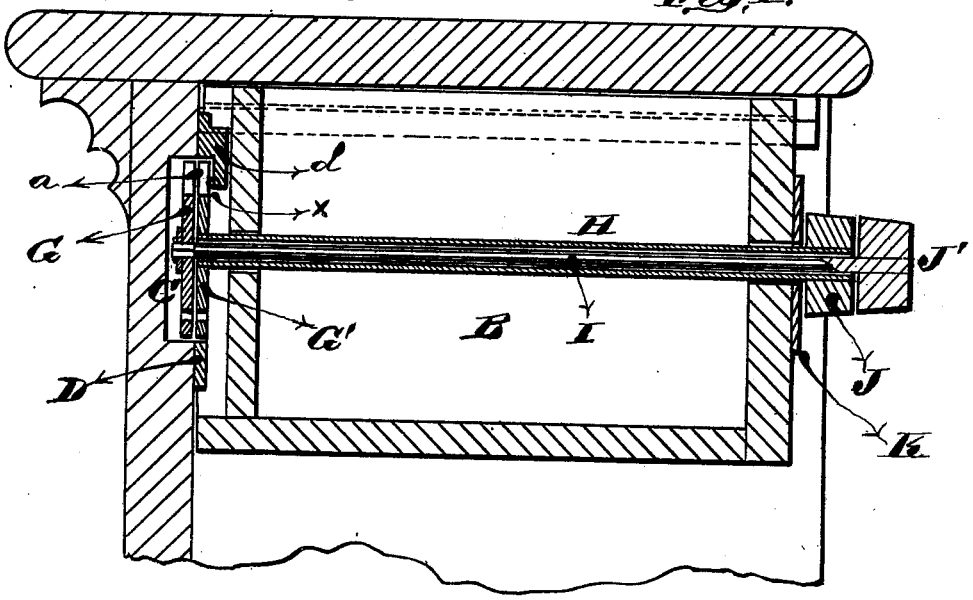


Fig. 2.

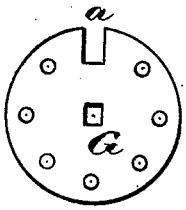


Fig. 3.

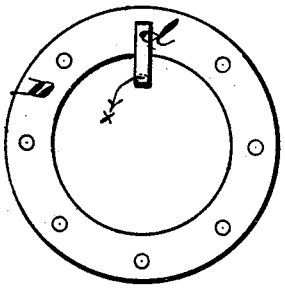
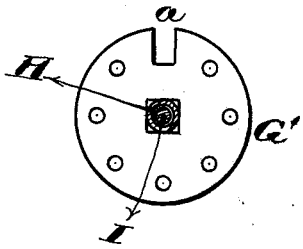


Fig. 4.



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2 Sheets—Sheet 2.

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Till-Check.

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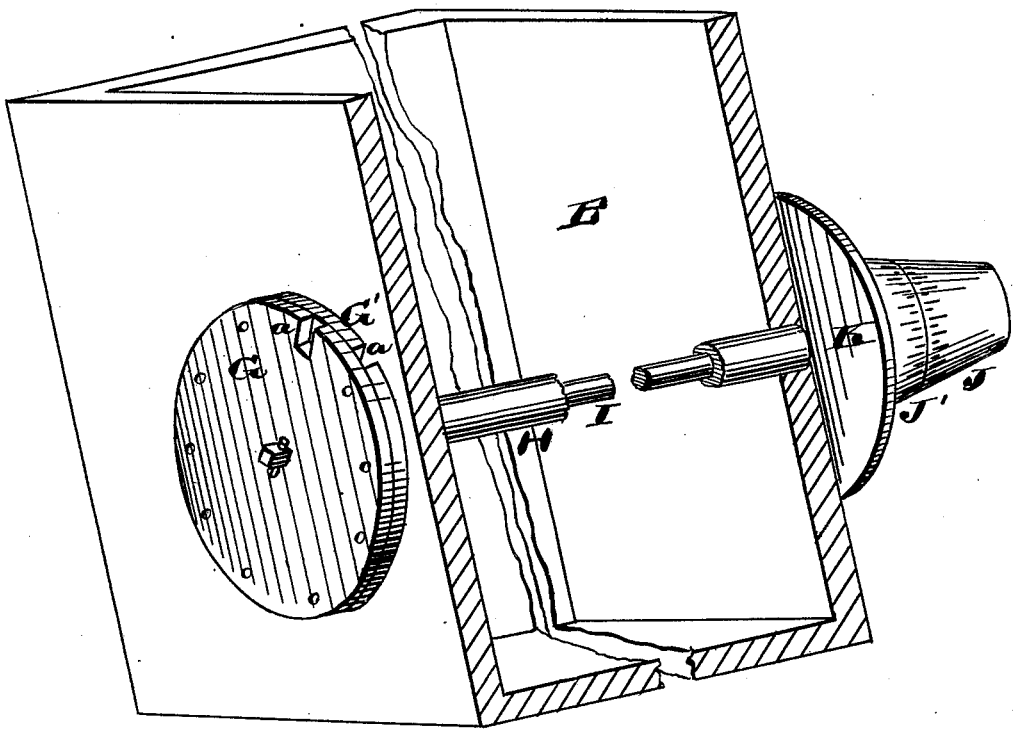
Fig. 5.



WITNESSES

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BENJAMIN F. KELLY, OF SHELOCTA, PENNSYLVANIA.

IMPROVEMENT IN TILL-CHECKS.

Specification forming part of Letters Patent No. **197,377**, dated November 20, 1877; application filed August 18, 1877.

To all whom it may concern:

Be it known that I, BENJAMIN F. KELLY, of Shelocta, in the county of Indiana and State of Pennsylvania, have invented a new and valuable Improvement in Combination-Locks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a transverse vertical sectional view of my combination-lock. Figs. 2, 3, and 4 are details thereof. Fig. 5 is a perspective view of my combination-lock attached to a drawer.

The nature of my invention consists in the construction and arrangement of a money-drawer lock, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents the case or frame, and B the drawer sliding therein. On the inside, in the back part of the case A, is made a circular recess, C, around which is fastened a metallic ring, D, having upon its front a lug, *d*, projecting inward toward the center, and on the back of the inner end of this lug is formed a rearwardly-projecting point, *x*.

The lock is composed of two circular disks, G and G′, of such diameter as to pass through the metallic ring D and into the recess C. Said disks being made each with a notch, *a*, in the edge, when placed to coincide with each other and with the lug *d*, allow said lug to pass through them, and thus admit of the wheels G G′ entering the recess C; or, in other words, passing within the ring D. If either one of the wheels is then turned to either side, the lug *d* will prevent it from being withdrawn. The wheels G and G′ are secured, respectively, on the rear ends of a tube, H, and a rod, I, passing through the tube. This tube and rod pass entirely through the drawer B from front to rear, the wheels being behind the drawer, and on the front ends of the tube and rod are, respectively, secured knobs J J′, which are provided with numbers, letters, or other devices as ordinarily used on combination-locks. On the front of the drawer, and concentric with the knobs, is a corresponding dial, K.

It will readily be seen that, the lock being set by the proper combination, so that the notches *a* in the wheels G G′ will coincide with each other and with the lug *d*, the drawer can be pulled out, and in like manner it can be pushed in and then locked.

The wheels G G′ are perforated with any desired number of holes arranged in a concentric circle, and at such distance from the center that the point *x* on the lug *d* will enter any one of such holes in the disk nearest to it, and thereby prevent both wheels or disks from turning together while setting the combination.

The combination may be changed by changing the position of either or both of the wheels; by reversing the position of said wheels—that is, placing the wheel now on the tube on the rod, and vice versa; and by changing the position of the ring D.

By the position of the lock behind the drawer, while the operating device is in front thereof, it becomes impossible to pick the lock either by the insertion of any instrument, or by sound to find out the combination.

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

1. The combination of the ring D with lug *d*, having point *x*, and the perforated wheels G G′, having notches *a*, substantially as and for the purposes set forth.

2. The combination of the ring D with lug *d*, the wheels G G′ with notches *a*, the tube H, rod I, knobs J J′, and dial K, all arranged with a drawer, B, and its casing or frame A, substantially as and for the purposes set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BENJAMIN FRANKLIN KELLY.

Witnesses:

ABRAM B. CHAPLINE,

JAMES M. YOUNG.