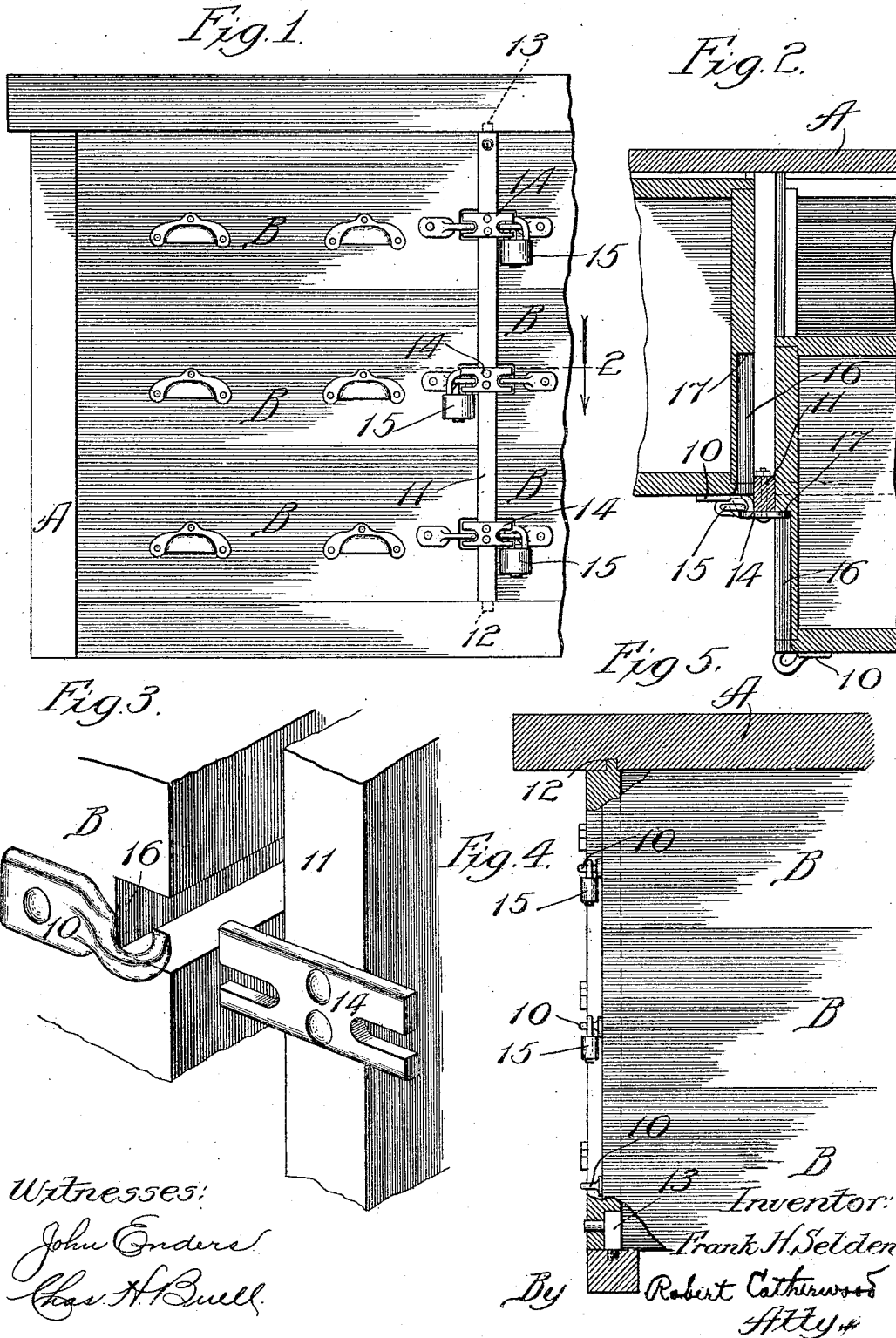


F. H. SELDEN.
LOCKING DEVICE.
APPLICATION FILED JUNE 26, 1908.

944,513.

Patented Dec. 28, 1909.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 6.

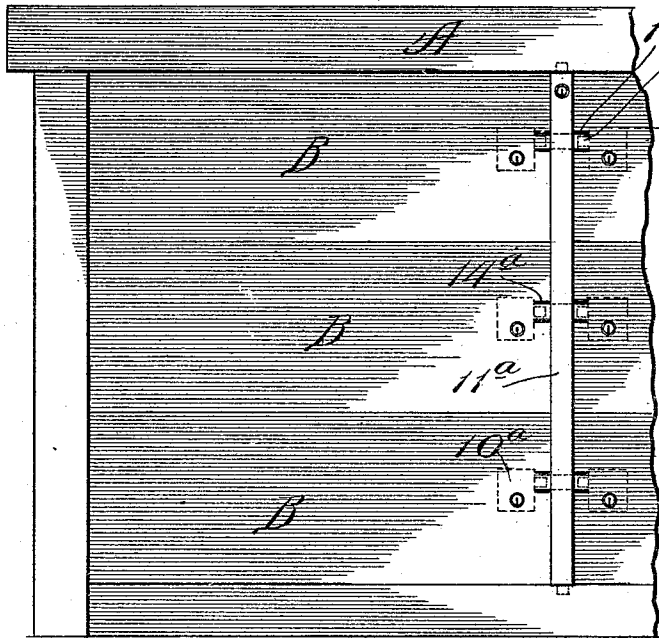


Fig. 7.

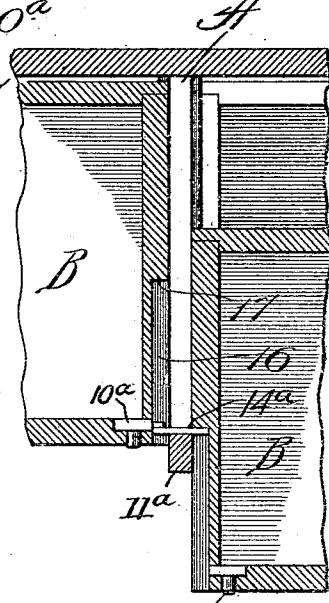


Fig. 8.

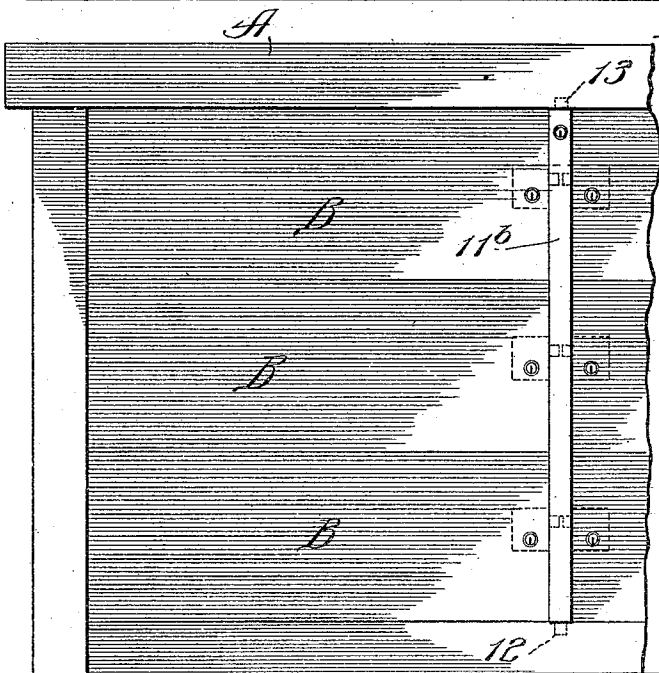
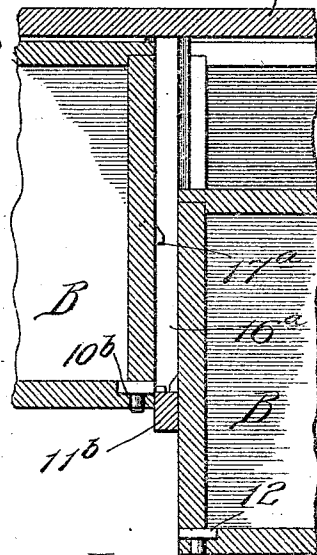


Fig. 9.



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By Robert Catherwood
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UNITED STATES PATENT OFFICE.

FRANK H. SELDEN, OF CHICAGO, ILLINOIS.

LOCKING DEVICE.

944,513.

Specification of Letters Patent.

Patented Dec. 28, 1909.

Application filed June 26, 1908. Serial No. 440,477.

To all whom it may concern:

Be it known that I, FRANK H. SELDEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Locking Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to locking devices and its object is to provide simple, economical and durable devices of this character, adapted to be readily attached, for locking movable members such as doors, drawers, lockers and the like and having capacity for locking and unlocking, under key control, one or more such movable members, while leaving each separate movable member free to be locked or unlocked independently thereof by another key, whereby a dual lock control is provided for each.

The invention also contemplates an adjustment which provides single lock control and prevents independent locking of separate members when desired, and also means, adapted for use on drawers, for preventing the removal of a drawer from its cabinet to afford access to the drawer below.

The invention is particularly adapted for use in schools where each student is given a drawer or locker with an individual key, but where all drawers or lockers are subject to inspection by the person in charge and where it is at times desirable that all should be locked against the students, but free to the person in charge.

In the accompanying drawings, I have illustrated a device embodying my invention in one of its preferred forms and have also indicated certain modifications thereof which may be conveniently made to adapt it to single or dual control of movable members of various styles and types.

Figure 1 is a broken front view of a drawer cabinet embodying one preferred form of my invention; Fig. 2 is a horizontal section on line 2 of Fig. 1; Fig. 3 is a detail perspective of a corner of a drawer fitted with a padlock hook and a shoulder and groove, which cooperate with other parts of my device to form a lock and guard; Fig. 4 is a detail perspective of the locking strip;

Fig. 5 is an elevation, partly in section, illustrating a method of securing the locking strip in position to prevent independent unlocking of single drawers; Fig. 6 is a broken front view of a drawer cabinet illustrating a modification especially adapted to bolt locks; Fig. 7 is a horizontal section on line 7 of Fig. 6; Fig. 8 is a view similar to Fig. 6 illustrating another modification, and Fig. 9 is a horizontal section on line 9 of Fig. 8.

In the drawings, A indicates the frame in which the door, drawer or other movable member B is mounted. Two independently movable locking members, one secured to the movable member B and the other to the frame A are provided and arranged to cooperate when desired to form a lock, with means for separately and independently locking and unlocking each into and out of engagement with the other. The particular form of the locking members and the method of moving them in and out of interlocking engagement whether by rotation, endwise or sidewise motion or by removal, may be varied conveniently to adapt them to various conditions, types or styles of movable members and frames.

In Fig. 1 a cabinet of drawers is shown wherein each drawer is provided with drawer locks preferably padlocks 15 and hook pieces or eyes 10, suitably secured thereto, while a movable bar or locking strip 11 (preferably secured to frame A by a groove and tenon 12 and key bolt lock 13 or other suitable locking means allowing engagement with and disengagement from the frame) is provided with fork pieces or slotted bars 14, which project forward of the hooks 10 on the several drawers B, but leave each hook free to pass through the slot of the bar 14 as the drawer is pulled out. When, however, the padlocks 15 are inserted behind forks 14 in hooks 10 the hasps cooperate therewith to form a lock between the strip and the several drawers. Removal of a padlock will allow the drawer to which it was attached to be opened and moving strip 11 to disengage forks 14 and the padlock hasps will allow all the drawers to be opened.

In the modified construction shown in Fig. 6, bolt locks 10^a are adapted to be thrown

by a key in and out of engagement with projections 14^a on locking strip 11^a, while in Fig. 8 bolts 10^b are adapted to be shot behind the locking strip 11^b. Both bars or strips 11^a and 11^b are preferably locked and unlocked to frame A in the same manner as bar or strip 11.

I prefer to arrange the strips 11 and 11^a so that they may be reversed to throw all of the slots in forks 14 or the projections 14^a out of registration with the hooks 10 or bolt locks 10^b respectively and prevent any of the drawers from being opened by removal of the padlocks or use of the keys to the drawer locks. This construction is especially adapted for use in schools before assignment of individual drawers to students.

To prevent a drawer from being removed to afford access to the drawer below, I prefer to provide it in the side adjacent to bar 14 or projection 14^a with an opening or groove 16, in which the bar or projection moves freely until near the back of the drawer, where it strikes a shoulder 17 which arrests further movement. In Figs 6 and 7 the projections 14^a are fastened to the rear of strip 11^a. In the construction shown in Figs. 8 and 9 the same arrest of the drawer is provided by placing a boss 17^a in the space 16^a between adjacent ends of drawers and arranging the strip 11^b in the path thereof.

I am aware that many modifications of my invention will suggest themselves to those skilled in the art and I do not wish to be understood as limiting myself to the preferred forms herein shown and described, but

What I claim is:—

1. In a locking device, in combination with a frame and movable members therein, a strip, a master lock adapted to lock said strip at the side of said members to said frame, and locking means on each of said movable members adapted to lock them to said strip, whereby independent dual lock control is provided for each movable member.

2. In a locking device, a frame and movable member, a removable locking strip, a master lock adapted to lock said strip to said frame at one side of said movable member and a lock on said movable member adapted to lock it to said strip, whereby said movable member is placed under independent dual lock control.

3. In combination with a frame and drawer slidable therein, a bar or upright strip having a lock under key control adapted to bring it into locking engagement with the frame, a fork on the bar or upright, a hook on the drawer, adapted to pass between the prongs of the fork as the drawer is pulled out and a padlock adapted to be

slipped over the hook behind the fork to prevent said passage, whereby removal, either of said bar or said padlock permits opening of the drawer.

4. In a locking device, a frame, a movable member therein, a locking strip, a hook piece 10 and a fork piece 14, one of said pieces attached to said member and the other to said strip, said hook piece being placed to pass the prongs of said fork piece to permit said member to be drawn out from said frame, a padlock adapted to prevent said passage, and a lock adapted to lock said strip to said frame, whereby removal either of the padlock or of the lock will permit said member to be drawn out.

5. In a locking device, a frame with movable members therein, a reversible locking strip having means for locking it to said frame, in normal or reversed position, projections on said strip arranged in the path of each of said members, openings in said members adapted to register with said projections in the normal position of said strip, but not in reversed position, to permit said members to pass said projections, hooks on said members, and padlocks adapted to be slipped through said hooks behind said projections to prevent said passage, whereby said members are under dual lock control in the normal position of said strip and single lock control in the reversed position thereof.

6. In a locking device, a frame with drawers, a strip, means for locking it to the frame in vertical position in front of the drawers, means for locking each of said drawers to said strip, and a projection on each of said drawers adapted to contact with said strip to prevent removal of a drawer when the strip and frame are locked together, but permit it when the same are unlocked.

7. In a locking device, in combination with a frame A and movable members B, a locking strip 11, a lock 13 adapted to lock said strip to said frame, and locks adapted to interlock said movable members and strip 11, comprising forks 14, slots 16, hooks 10 and padlocks 15, whereby each movable member is under independent dual lock control.

8. In combination with a frame and movable members therein, a strip, a master lock adapted to lock said strip at the side of said movable members to said frame and locking means on each of said movable members adapted to engage said strip and form independent locks for each movable member, whereby each member may be opened independently of the others when said strip is in locked position and all of said members may be opened by removal of said strip.

9. In combination with a frame having a
movable member therein, independent locks,
one comprising a strip and means for lock-
ing it to the frame and the other comprising
5 locking means cooperating with said strip,
each of said locks being under separate key
control.

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

FRANK H. SELDEN.

Witnesses:

HENRY C. MORRIS,
ROBERT CATHERWOOD.