

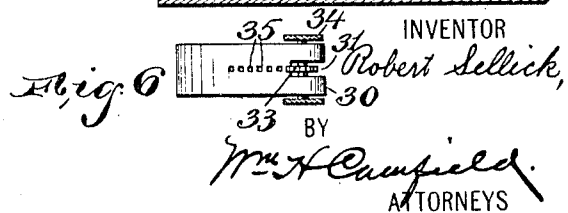
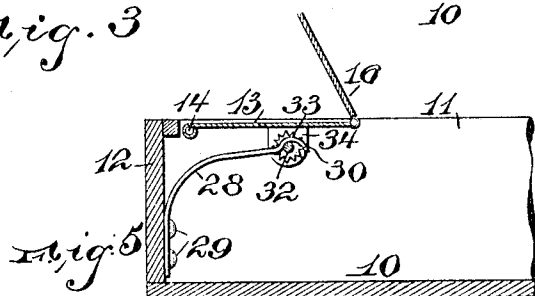
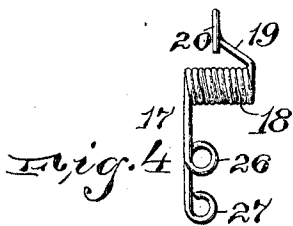
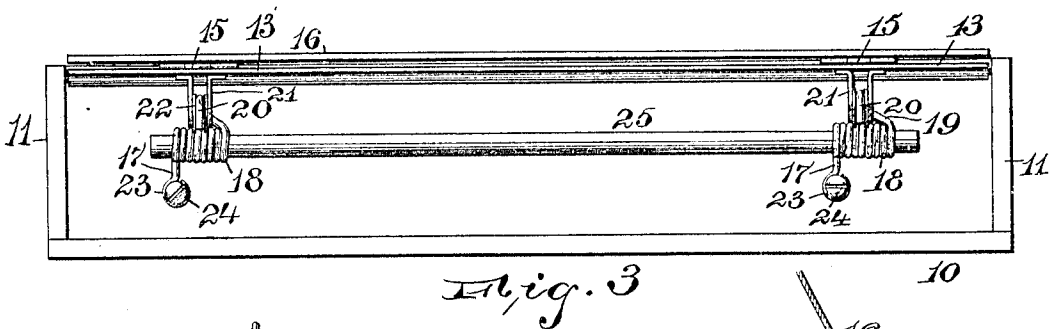
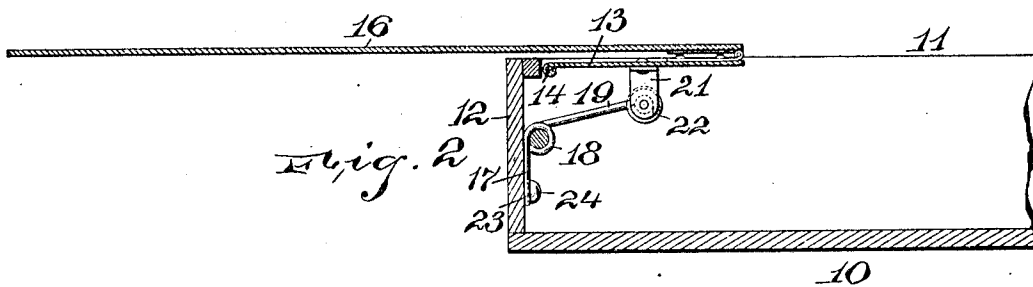
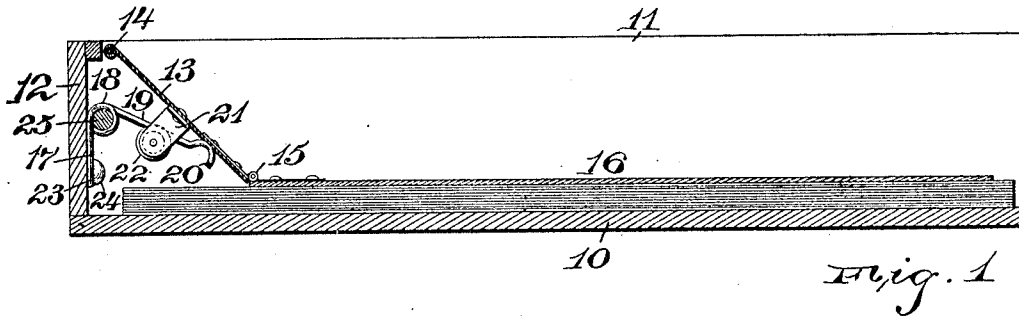
R. SELLICK.

FILE.

APPLICATION FILED MAR. 17, 1909.

947,512.

Patented Jan. 25, 1910.



WITNESSES:
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UNITED STATES PATENT OFFICE.

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FILE.

947,512.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed March 17, 1909. Serial No. 484,040.

To all whom it may concern:

Be it known that I, ROBERT SELICK, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Files; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

This invention relates to a file or holder for papers, pamphlets, and the like, which comprises a clamping means consisting of a clip which is pivotally secured to the body portion of the structure, whether simply a tablet or an open topped file case, and the clip has, pivotally secured to its free end, a cover which swings down on the articles to be held to keep them flat. The clip is provided with means tending to normally press it downward to cause a tight engagement on one end of the clip and of the cover with the contents to be filed or held, the spring pressing means being adapted to lock the clip open and away from the pile of papers and so forth when the cover is swung back. This permits the file to be opened with one hand, and the same way when it is closed, the cover being swung over and its weight is usually sufficient to cause the spring holding means to be released, and then the spring holding means becomes a pressure device to hold the cover down. When the weight of the cover is not sufficient for this purpose, a slight pressure is sufficient.

The device is illustrated in the accompanying drawing, in which—

Figure 1 illustrates a section of a file with the clamping means operating to hold the contents. Fig. 2 is a similar view broken away at one end and showing the file open. Fig. 3 is a face view of Fig. 2, and Fig. 4 is a front view of a modified form of spring. Fig. 5 is a section of still another modification, and Fig. 6 is a top view of the spring shown in Fig. 5.

The device comprises a body portion which can either be a plain tablet, when used in the form of a clip, or the body portion can comprise a base 10 having the sides 11 and the back 12. A clip 13 is pivotally

secured on one end to the body portion, the clip preferably running the whole width of the file, although any suitable length can be used, the pivotal connection being usually made by bending over the sheet metal, of which the clip is formed, into an eye to receive the rod 14 which passes into the sides 11. A pivot 15 secures the cover 16 to one end of the clip so that when the device is in operative position the cover 16 bears down, as in Fig. 1, so as to hold the contents of the file flat. A wire 17 is bent into a spring coil 18 and has a strand 19 bent into a hook 20. The strand passes between the plates 21 into which a small pulley 22 is rotatably mounted. These springs are usually placed in pairs near each end of the clip, and thus make the operation of the two ends simultaneous and prevent binding on the pivot of the clip. The lower end of the wire is bent into an eye 23 which is fastened by a suitable screw 24. I prefer to pass a rod 25 through the spring coils of the wires so as to stiffen them and to hold them in alignment.

Normally the wire strand 19 bears down on the pulley which in turn pulls the clip down, and this causes a tight engagement of the cover with the contents of the file, in other words, toward the base thereof. When the cover is lifted it swings on the pivot 15 until the cover is resting on the hinge 14, it then fulcrums on the hinge 14, and a further pressure on the end of the cover, which is then swung backward into the position shown in Fig. 2, causes the clip to swing on its pivot and the wire strands run over the pulleys, and the hooks 20, which form recesses for the reception of the pulleys 22, seat themselves so as to hold the device as shown in Figs. 2 and 3. The cover has a portion of its weight beyond the pivot 14, and thus all the spring really has to do in the position shown in Fig. 2 is to hold up the clip. When the cover is swung over to close the file, when it swings into line with the clip 13, the weight causes the clip 13 and the cover 16 both to swing on the hinge 14, and the weight jumps the hooks 20 out of engagement with the pulleys 22 and the spring acts to force the device in the position shown in Fig. 1. If the weight of the portion 10 is not sufficient for this purpose, a slight pressure thereon will, of course, unseat the hooks from the

pulleys. Instead of placing the rod 25 through the coils, I may make the device as shown in Fig. 4 where the wire strand 17 is formed into a pair of eyes 26 and 27, and when these eyes are held to the body portion, by means of suitable screws, the spring is in operative position.

A modified form of construction is shown in Figs. 5 and 6, where a flat leaf spring 28 is secured by the screws 29 to the body portion, and it has a curved end 30 which is split in the center, as at 31, so as to make a forked end, which forked end rests down over the shaft 32 of the pulley 33 when the clip is elevated as shown in Fig. 5. The shaft 32 works in the plates 34 that are fastened to the clip 13. The pulley 33 is preferably toothed, and the spring can be indented or perforated as at 35 to cause the wheel to be rotated so that when the spring settles down as in Fig. 5, the end of the slit 31 will enter between two teeth and the registration will thus be assured.

It will be evident that a number of changes as to the body portion and the installation of the device may be made without departing from the scope of the invention, and I do not wish to be limited to the particular form shown.

Having thus described my invention, what I claim is:—

1. A file comprising a body portion, a clip hinged thereto, a cover hinged to the clip and adapted to be swung back and used as a lever to raise the clip on its hinge, means for locking the clip and the body portion apart, and means for automatically releasing the locking means when the cover is swung forward.

2. A file comprising a body portion, a clip hinged thereto, a cover secured to the clip and adapted to be swung back and used as a lever to cause the clip to swing on its hinge, a spring secured to the body portion and having a strand to bear on the clip to normally draw the clip and the body portion toward each other, the spring being bent to form a recessed portion in its end, and means on the clip for engaging the re-

cessed end of the spring for holding the clip in its raised position.

3. A file comprising a body portion, the body portion comprising a bottom and sides, a rod passing through the sides, a sheet metal clip bent over on one end to embrace the rod and cause a hinged connection, a cover hinged to the free end of the clip, and a spring secured to the body portion and having a strand projecting therefrom, a pulley mounted on the clip, the wire being bent into a hook to form a recessed portion to engage the pulley when the clip is raised.

4. A file comprising a body portion, a clip hinged to the body portion, a pulley mounted on the clip, and a spring secured to the body portion and having a strand running over the pulley, the spring being bent on its end into a hook to form a recessed portion to receive the pulley.

5. A file comprising a body portion, a clip hinged to the body portion, a pulley mounted on the clip, a spring secured to the body portion and having a strand running over the pulley, the spring being bent on its end into a hook to form a recessed portion to receive the pulley, and a cover hinged to the free end of the clip.

6. A file comprising a body portion, a clip hinged thereto, a cover hinged to the clip and adapted to be swung back and used as a lever to raise the clip on its hinge, the abutting hinged edges of the cover and the clip acting as a stop to limit the forward movement of the cover on the clip, means for forcing the clip toward the body portion, and means for locking the body portion and the clip apart, said locking means being disengaged when the cover is swung forward on the clip to cause their hinged edges to abut.

In testimony, that I claim the foregoing, I have hereunto set my hand this 25th day of February 1909.

ROBERT SELLICK.

Witnesses:

WM. H. CAMFIELD,
E. A. PELL.