F. J. HONOR.

BOOKCASE.

APPLICATION FILED JAN. 27, 1908.

899,049. Patented Sept. 22, 1908.

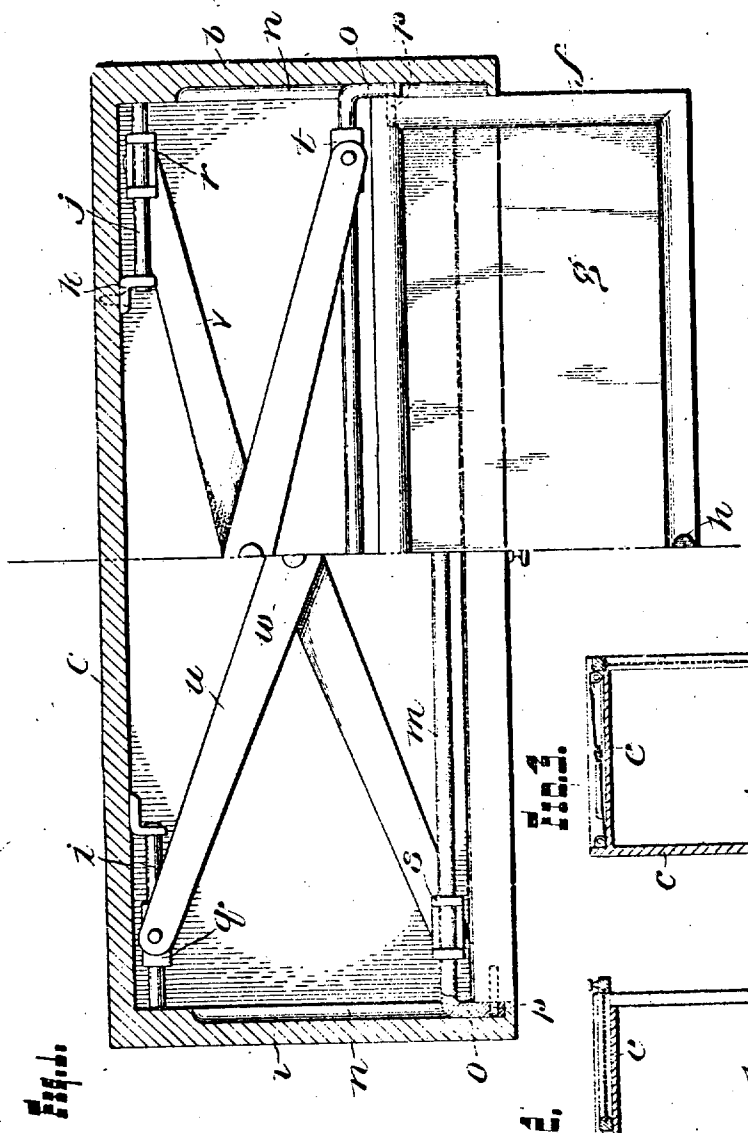
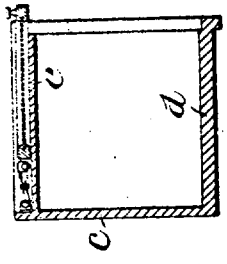


Fig. 1.

Fig. 2.



Witnesses:

H. W. Hager

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UNITED STATES PATENT OFFICE.

FREDERICK JOSEPH HONOR, OF DETROIT, MICHIGAN.

BOOKCASE.

No. 899,049. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed January 27, 1908. Serial No. 412,890.

To all whom it may concern:

Be it known that I, FREDERICK JOSEPH HONOR, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Bookcases; 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.

My invention relates to improvements in sectional bookcases, and the object of my invention is to provide a simple and efficient bookcase with a sliding cover adapted to fold down over the front of the bookcase, and to be slid back into the bookcase itself, all without the use of springs or locks.

With these objects in view, my invention consists in the construction and combinations of parts as hereinafter described and claimed.

In the accompanying drawings—Figure 1 is a horizontal cross section of a section of a bookcase, one half showing the cover closed and the other half showing said cover open. Fig. 2 is a cross section of the same, on a smaller scale, showing the cover open, and Fig. 3 is a similar cross sectional view showing the cover closed.

Only one section will be described, it being understood that a complete bookcase can be built up, as usual, by superposing a number of sections with an ornamental base and top, if desired.

a and *b* represent the sides of a section of a bookcase, *c* the back, *d* the bottom, and *e* the top thereof, the front being open and normally closed by a door *f* having a glass panel *g* and a pin or handle *h*.

The sides and back of the bookcase project a short distance above the top *e*, and in the rectangular space thus formed is carried the cover securing means. This means consists of rods *i* and *j*, each of them held in a bracket at one end, such as *k* and having the other end secured in one of the ends of the bookcase.

m represents a rod which has ends *o* bent at right angles to the main portion of the rod, and which bent ends are adapted to slide in grooves *n* in the sides *a* and *b* of the bookcase. The ends *o* of the rod *m* are perforated, and pins *p* attached to the cover are loosely mounted in these perforations. On the rods *i* and *j* are sliding brackets *q* and *r*, the bracket *q* being mounted above the rod *i* and the bracket *r* being mounted below the rod *j*. These brackets freely slide on the rods. On the rod *m* are mounted two sliding brackets *s* and *t*, one above and one below the rod. A link *u* connects the brackets *q* and *t* and a similar link *v* connects the brackets *r* and *s*, and a pivot pin *w* passes through said arms or links at their centers.

The operation will be evident from the foregoing description. When it is desired to open a section of the bookcase, the operator takes hold of the pin *h* and swings the cover outward and upward on the pins *t* until it is horizontal. He then pushes the cover back into the position shown in Fig. 2, these motions being reversed when it is desired to close the section.

While I have described my invention as adapted for bookcases, I wish it also to be understood that it is particularly desirable for the use in connection with bureau drawers as well.

Having thus described my invention, I claim—

1. A section of a bookcase provided with a bottom, back, sides and top, a swinging and sliding cover, and means for guiding said cover, consisting of a rod in the ends of which said cover is pivotally mounted, supporting rods in the rear of the section, brackets on said rods, and links crossing each other and pivoted together and connected to said brackets, substantially as described.

2. A section of a bookcase comprising a bottom, back, top and sides, a swinging and sliding cover, and means mounted above the top for guiding said cover, said means including a rod bent at both ends, said bent ends engaging grooves in the sides of the section, and said cover being pivotally mounted in said bent ends, rods at the back of the section, sliding brackets on said rods and on the front rod two of said brackets being mounted above the corresponding rods and two below, and links crossing each other and connected to the diagonally opposite brackets, said links being pivoted together at their centers, substantially as described.

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

FREDERICK JOSEPH HONOR.

Witnesses:
HENRY LOOK,
H. H. HOGAN.