

(No Model.)

J. C. SCHELLER.  
BINDER.

No. 537,237.

Patented Apr. 9, 1895.

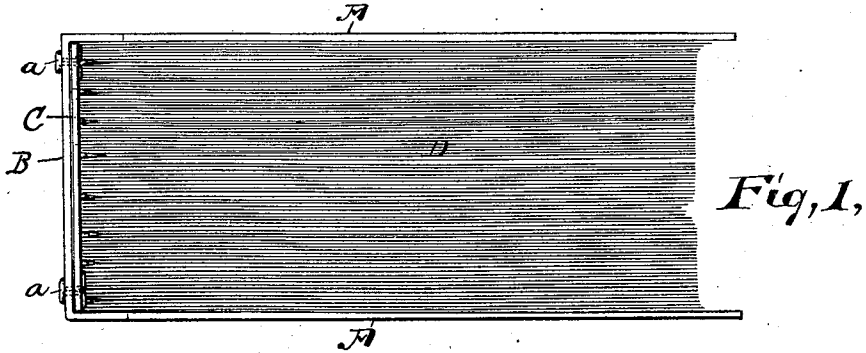


Fig. 1,

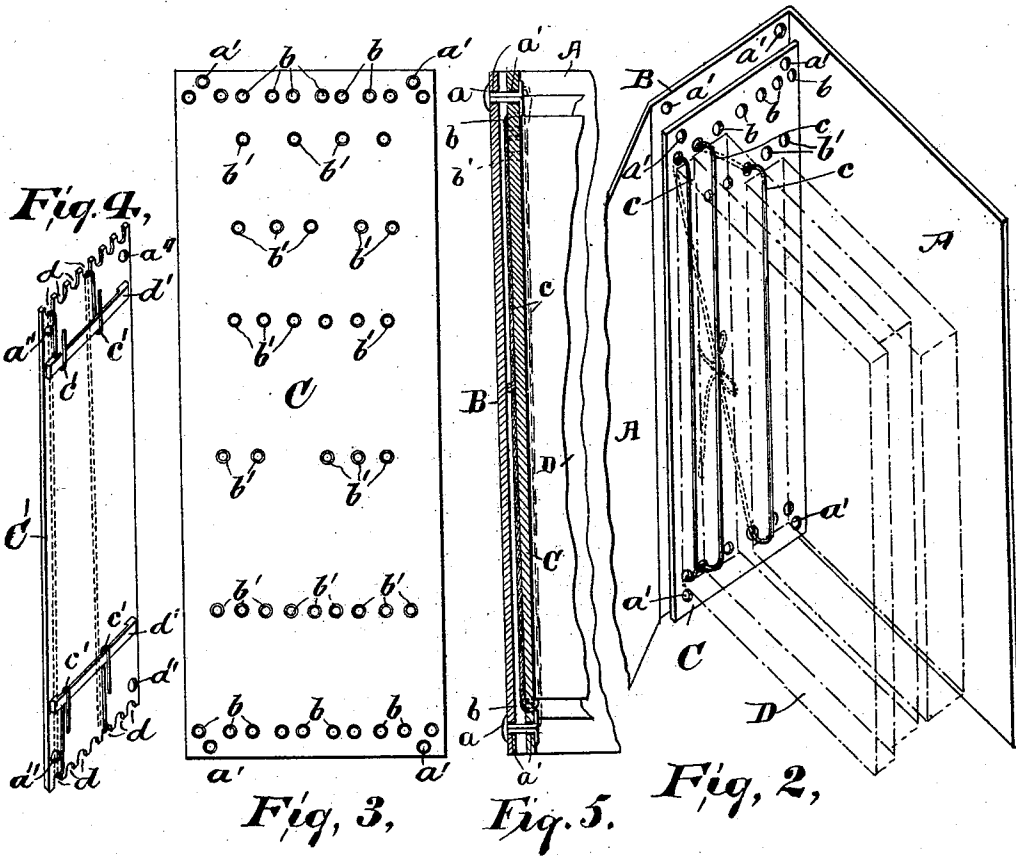


Fig. 4,

Fig. 3,

Fig. 5.

Fig. 2,

Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN C. SCHELLER, OF NEWARK, NEW JERSEY.

## BINDER.

SPECIFICATION forming part of Letters Patent No. 537,237, dated April 9, 1895.

Application filed October 15, 1894. Serial No. 525,903. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN C. SCHELLER, 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 Binders; 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 letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a cheap and effective binder for periodicals, magazines, papers, and the like, which will be cheap in construction, light and effective, and easily operated, and to secure other advantages hereinafter referred to.

The invention consists in the improved binder, and in the combination and arrangement of the parts thereof, as herein set forth and finally pointed out in the claims.

Referring to the accompanying drawings in which similar letters of reference indicate corresponding parts in each of the figures, where they occur, Figure 1 represents an end elevation of a book binder, embodying my improvements. Fig. 2 is a perspective view showing one of the covers partly open, and illustrating the manner of fastening the stiff plate to the back of the binder, and of securing magazines thereto. Fig. 3 is a plan view of the stiff plate referred to. Fig. 4 is a modified form of the latter, in perspective, showing cleats for the fastening wires, and Fig. 5 is a longitudinal sectional view through the back of the binder showing the means of fastening the parts together.

In said drawings, A, designates the covers; B, the back; C, the stiff plate; and D the magazines or periodicals.

In carrying out my invention, the cover, A, and back B, may be made of any suitable material, such as paper or cloth, the back, however, being stiff. The inside plate of back, C, which is also made of stiff material, is detachably fastened to the back, B, of the cover at each end, by means of ordinary paper fasteners, *a*, or other fasteners; holes or eyelets, *a'*, being formed in the back and the stiff plate, for the purpose. In the said stiff plate

are also formed holes or eyelets, *b*, for securing the magazines in place, by means of suitable strings or cords, *c*, or wire, or other device, which are passed through the central portion of the magazines on the inside and through said eyelets or recesses, and firmly tied at the back of the said stiff plate, as illustrated in Fig. 2. The eyelets, *b'*, are to accommodate magazines of different lengths, which are fastened to said plate, in the same manner as the larger ones.

As it is necessary to remove the back plate from the back every time a magazine is inserted it is desirable that the means of attaching the two together should be as convenient as possible, which is best secured by locating the eyelets *a'* of the plate and the back beyond the outer row of eyelets *b* of the plate so that the fasteners can be manipulated without interfering with the magazine.

To avoid the necessity of tying and untying the cord or strings every time a magazine is inserted I have found it very convenient to provide the plate *C'* as shown in Fig. 4, with two cleats *d'*, *d'*, under which the ends of wires *c'* which are used instead of cords may be passed, after having been passed through the serrations *d* at the end of the plate to properly space the magazines, the ends of the wires being bent over the cleats after having been passed under them. In this construction the fastening eyelets *a''* are located between the cleats and the ends of the plate.

It will be evident, at a glance, that the binder, as thus described, will be strong, effective, durable and cheap; that it will keep and preserve the books in a compact form, and that the method of securing magazines and periodicals therein, is easily to be understood, and the fasteners easily manipulated.

The fastening string, cord, or wire, or other material, may be integral, and secure all the pamphlets in place, or each pamphlet may be secured by an independent cord or wire. As the cords are tied at the back of the plate C, they are not seen except a small portion at the ends thereof, as will be evident.

Having thus described my invention, what I claim as new, and wish to secure by Letters Patent of the United States, is—

1. In a binder, the combination, with a stiff back and a cover at each edge thereof, of a

stiff back plate removably secured to the back, said plate being provided with means for removably securing magazines thereto, the back and the plate each being provided with registering eyelets intermediate the ends of the plate and the means of fastening the magazines, whereby the fasteners may be manipulated without interfering with the magazines, and removable fasteners through the registering eyelets of the plate and back, substantially as set forth.

2. In a binder, the combination, with a stiff back, and a cover at each edge thereof, of a stiff plate removably secured to the back, each end of which is provided with serrations, two

cleats secured to the back of the plate, wires through the serrations in the ends of the plates and in engagement with the cleats, the plates and the back being provided with eyelets intermediate the ends of the plates and the cleats, and fasteners through said eyelets, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of October, 1894.

JOHN C. SCHELLER.

Witnesses:

OLIVER DRAKE,  
ROBERT SOLLBERGER.