

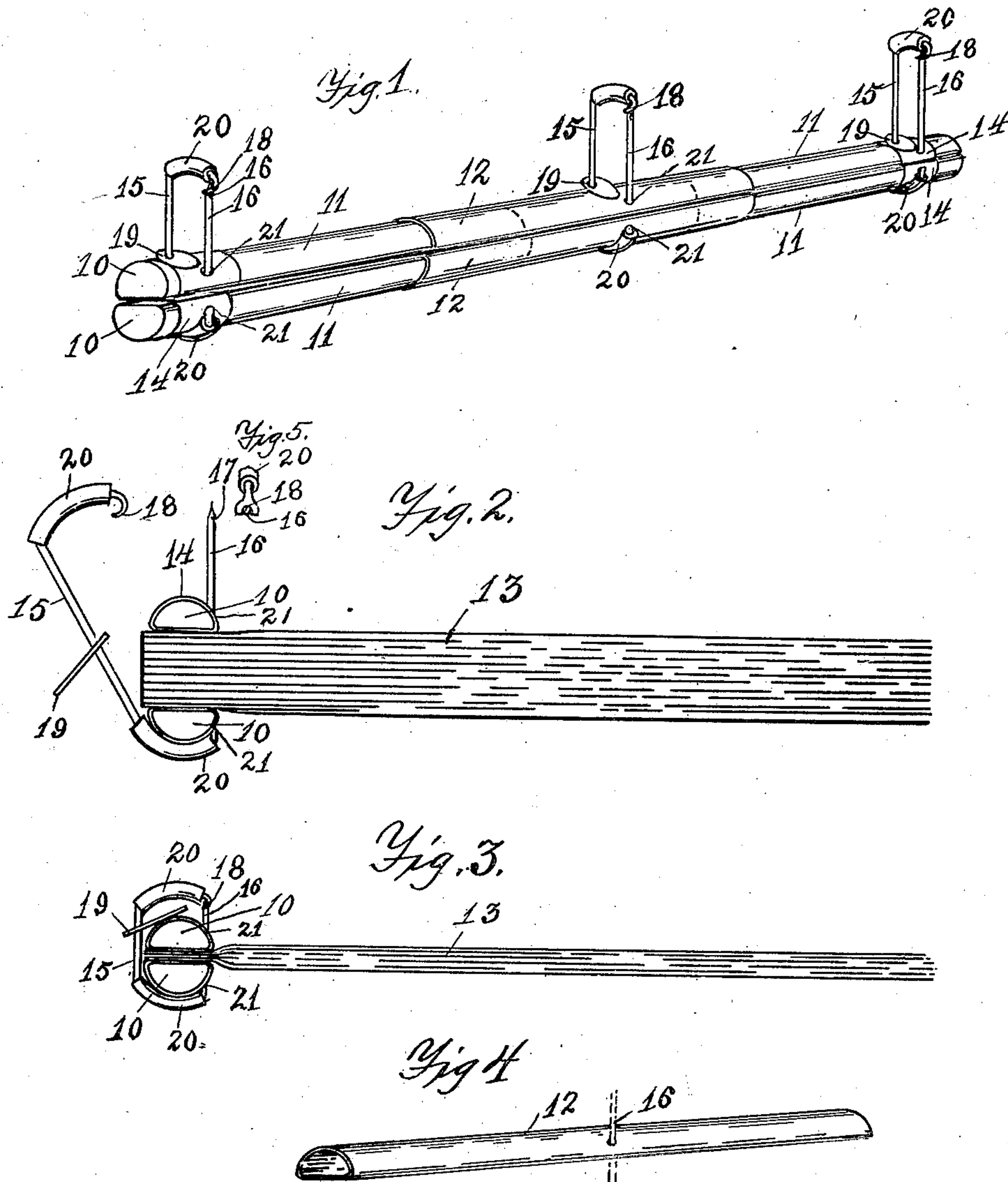
No. 687,791.

Patented Dec. 3, 1901.

L. SWANSON.  
ADJUSTABLE PERIODICAL BINDER.

(Application filed Mar. 22, 1901.)

(No Model.)



Witnesses—

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# UNITED STATES PATENT OFFICE.

LAWRENCE SWANSON, OF JAMESTOWN, NEW YORK.

## ADJUSTABLE PERIODICAL-BINDER.

SPECIFICATION forming part of Letters Patent No. 687,791, dated December 3, 1901.

Application filed March 22, 1901. Serial No. 52,290. (No model.)

*To all whom it may concern:*

Be it known that I, LAWRENCE SWANSON, a citizen of the United States, and a resident of Jamestown, in the county of Chautauqua and State of New York, have invented a new and useful Adjustable Periodical-Binder, of which the following is a specification.

My invention relates to temporary periodical-file binders in which the papers are held between the file-posts; and the objects of my invention are, first, to provide a durable and cheap method of adjusting the length of the file-posts to fit the periodical, and, second, to provide a cheap and sure means of holding the papers in the file in small or large quantity and whereby they can be easily added to or changed. These objects are attained by means of mechanism as shown in the accompanying drawings, in which—

Figure 1 is a perspective view of my binder. Fig. 2 is an end view of binder with catch open and quantity of periodicals in the binder. Fig. 3 is an end view of binder with small catch closed and holding a single paper. Fig. 4 is a detail view of tubular part of file-post. Fig. 5, near the catch in Fig. 2, shows the pin in section and the form of the catch.

Similar numerals refer to similar parts in the several views.

10 10 are the file-posts, which are composed of the end parts 11 11 and the metallic tubular central part 12 12, the ends 11 11 being easily pushed into and drawn out of the tubes 12 12, making it easy to quickly adjust the length of the binder to fit any-sized periodical. I usually make my file-posts semicylindrical in form for strength in the tubular part and convenience in holding the periodicals 13. I protect the wooden end pieces 11 where they are pierced by catch-pin 16 with the metal covering 14, the pin holding the metal shield in place. Catch 15 is formed somewhat like a common safety-pin, though much stronger and having certain important improvements. The pin 16 has a notch 17 near its point, so that catch 18 locks in notch 17 and cannot slip or be sprung off the point. When the catch is opened, the back of the catch springs back just far enough for the easy removal of the upper file-post.

19 19 are small metal binding-clips which work on the back wire of catch 15 and the

upper file-post, and when pressed down onto the file-post the spring of the papers and the binding of the clip on the back wire of the catch in the hole in the clip binds the file-posts and papers firmly in place, as shown.

20 20 are pieces of rubber tubing which are slipped onto the ends of catches 15 to prevent the marring of furniture.

It will be noticed that hole 21 in the file-posts for pin 16 is made in the front edge of the file-posts. I do this in order that the periodical may not get a leverage on the file-posts and spring or break them, and also that the periodical when opened may lie out flat.

Catch 15 may be made short, as in Fig. 3, to hold a single newspaper, or long for quantity, as in Fig. 2. The catch may be fastened to the lower file-post, if desired, though this is not necessary.

The file-posts being adjustable as to length make it easy to file a large quantity of periodicals, since the crowding of the periodicals on the end pins is accommodated by the lengthwise adjustment of the file-posts. The point of pin 16 is thoroughly protected by catch 18. It will also be noticed that the central pin is fixed at about the center of tubular part 12, and the two end parts 11 11 adjust from the central pin, so as to support the ends of a periodical equidistant from the center thereof.

I claim as new—

1. In a file-binder, the file-posts having a central hollow portion having a file-pin near the center thereof, extension ends fitting into said hollow portion having file-pins therein for equidistant adjustment as to said center pin, substantially as shown for the purpose specified.

2. In a file-binder, file-posts having central tubular parts and a spring file-catch therein, end parts slidably mounted in said tubular parts to form telescopic joints for equal lengthwise adjustment, spring file-catches in said end parts, substantially as shown and for the purpose described.

3. In a file-binder, file-posts having holes near their front edges, catch-pins which pass through said holes around said file-posts and lock over the pin-point protecting the same, substantially as shown and for the purpose specified.

4. In a file-binder having file-posts, a catch-pin composed of a filing-pin which extends through and about said posts, a protecting-catch and a notch for locking said catch-pin, 5 rubber guards on said pin, substantially as shown and for the purpose specified.

5. In a file-binder having file-posts, filing catch-pins which extend through and about said posts uniting in a spring-catch, locking- 16 clips on said catch-pins to hold the file-posts, as shown and described.

6. In a file-binder, file-posts 10 10 composed of central parts 12 and end parts 11 11, filing-

catches 15 having pins 16 with notch 17 and catch 18, holes 21 near the front edges of said 15 file-post for said catch-pins, rubber guards 20 and binding-clips 19 on said catch-pins, substantially as shown and described and for the purpose specified.

In testimony whereof I have signed my 20 name to this specification in the presence of two subscribing witnesses.

LAWRENCE SWANSON.

Witnesses:

ARTHUR W. KETTLE,  
M. E. SPOONER.