

(No Model.)

A. WELLER.
TEMPORARY BINDER OR FILE.

No. 562,054.

Patented June 16, 1896.

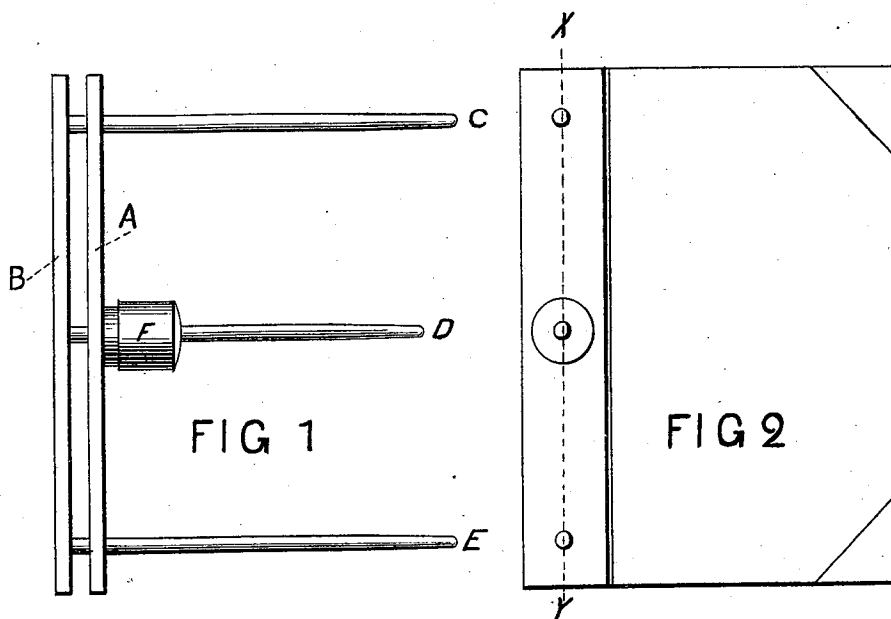
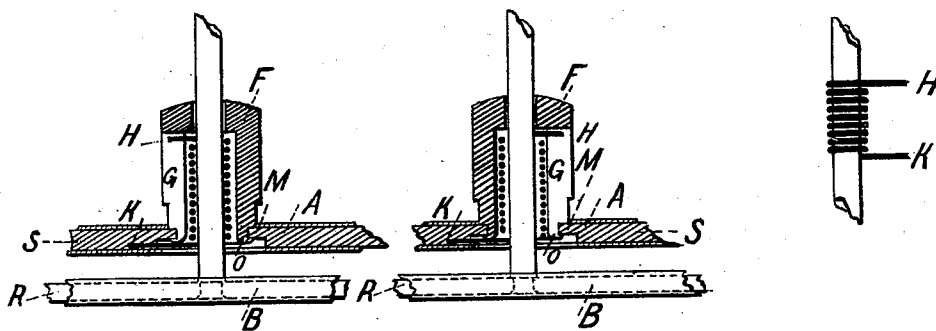


FIG 4

FIG 5

FIG 3



WITNESSES:

Wm. H. Ward
Zeno Johnson

Alfred Weller INVENTOR
BY
Joseph A. Thompson
his ATTORNEY.

UNITED STATES PATENT OFFICE.

ALFRED WELLER, OF CHICAGO, ILLINOIS.

TEMPORARY BINDER OR FILE.

SPECIFICATION forming part of Letters Patent No. 562,054, dated June 16, 1896.

Application filed December 13, 1895. Serial No. 572,031. (No model.)

To all whom it may concern:

Be it known that I, ALFRED WELLER, a subject of the Emperor of Germany, residing in the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Temporary Binders or Files, of which the following is a specification.

The object of my invention is to produce a file or binder for orders, letters, invoices, and other papers which may be quickly put in use, either in placing papers on file or removing them therefrom.

Said invention consists, essentially, in a knob on a rod, a spiral spring inclosed therein, said knob being attached to a clamp-bar inclosed in upper cover of binder, all of which will be hereinafter more particularly described.

Referring to the accompanying drawings, which are made a part hereof and on which similar letters represent the same parts, Figure 1 is a rear elevation showing back edges of upper and lower cover A and B, three upright rods C, D, and E, and knob F, all of which parts except the knob F are not unlike similar parts of binders now in use; Fig. 2, a plan view; Fig. 3, a detail drawing showing position of spiral spring on rod; Fig. 4, a cross-section through a line drawn from X to Y of Fig. 2, showing position of spiral spring against center rod when at rest holding knob F in position, also showing bar R inclosed in lower cover and clamp-bar S inclosed in upper cover of binder; Fig. 5, same cross-section showing spiral spring open, drawn away from center rod by the action of turning knob F, allowing knob to slide freely up and down on the rod.

The three upright rods are fastened immovably in bar R, which is inclosed in the lower cover B of the binder. Center rod D, being shorter than the other rods C and E, prevents any difficulty in placing the upper cover over the rods should the rods get out of alignment.

The upper cover A has fastened in it at the back a clamp-bar S, provided with three holes corresponding with the three rods, so that it may easily slide upon them.

The knob F incloses spiral spring H K, which in its natural position, having an aper-

ture with a diameter a little less than the diameter of the rod D, fits tightly around it.

Of the two ends of the spring the end H is confined in the slot G in the knob F. The other end, K, is embedded in the bar S, so that when the knob F is turned the end H turns with it and the end K remains stationary with the bar S, thus unwinding the spring and releasing same from center rod D.

The knob F is riveted loosely to the clamp-bar S by spinning the extreme end of the knob at O around the shoulder M of the clamp-bar S, so that the knob F can be easily turned within the bar.

To operate the binder, turn the knob F, the spiral spring being loosened thereby, and the knob, together with the bar S and upper cover of binder, will easily slide up and off the rod, when the orders, letters, or other papers may be placed thereon, having been perforated to fit over the three rods. The upper cover of binder may be then replaced by turning the knob F to release the spring and pushing the cover down until it holds the papers tightly, when the knob may be released, and the spiral spring will clamp around the knob D, acting as an automatic friction-brake and preventing any upward movement.

What I claim as new, and on which I desire to obtain Letters Patent, is—

1. In a temporary binder the combination of a metal base inclosed in the back of the under cover, three rods extending upright from the said base, the center one being shorter than the outside rods; a clamp-bar inclosed in the upper cover of the binder, provided with holes to slide on the said rods; a knob on the center rod and a spiral spring inclosed therein which, in its natural position clamps the center rod and acts as an automatic friction-brake preventing it when set, from any upward movement, substantially as shown.

2. The combination of two board covers, the back of the under cover inclosing a metal base from which three rods extend upward, the upper cover inclosing a clamp-bar provided with holes to slide on the said rods; a knob on the center rod, and a spiral spring inclosed therein, one end of which is fastened in the slot in the said knob, the other end being embedded in the said clamp-bar inclosed

in the upper cover of the binder, the said knob
being riveted loosely to the said clamp-bar,
by spinning the lower end of the knob around
the shoulder of the bar, so that the knob can
5 be turned easily within the said bar, the said
spiral spring fitting closely about the center
rod, so that in its natural position it clamps
the same as an automatic friction-brake, pre-

venting the knob and the clamp-bar from any
upward movement, substantially as shown. 10

Witness my hand this 10th day of Decem-
ber, A. D. 1895.

ALFRED WELLER.

In presence of—

DAVID K. TONE,
ZENO S. JOHN.