

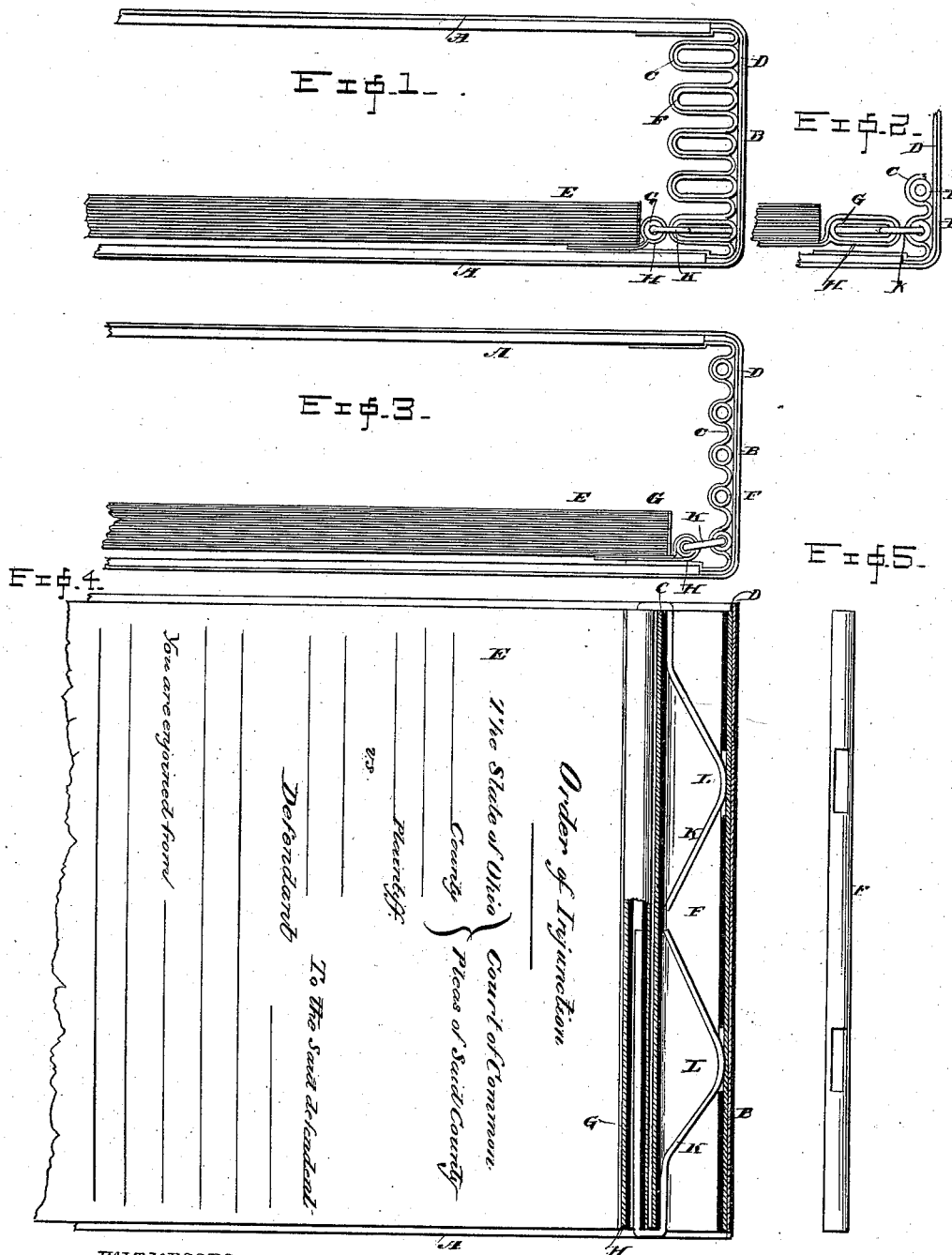
(No Model.)

2 Sheets—Sheet 1.

F. W. BARRETT.  
TEMPORARY BINDER.

No. 385,339.

Patented July 3, 1888.



WITNESSES.

*A. H. G. G. G.*  
*Jas. A. Mahan.*

INVENTOR,

*Frederick W. Barrett.*

*H. A. G. G.*  
*Hes. Attorney.*

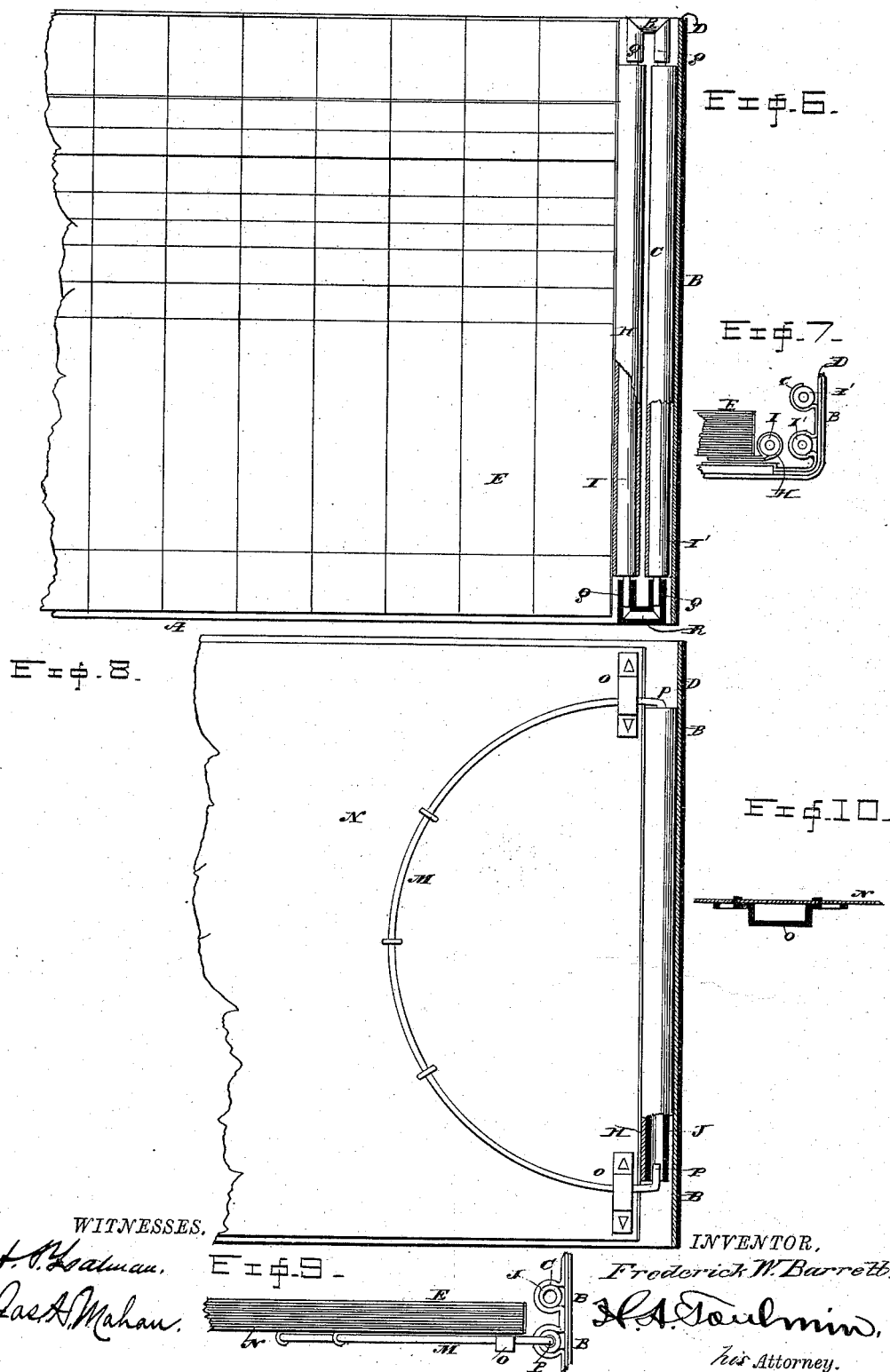
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TEMPORARY BINDER.

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WITNESSES.

*H. P. Salzman,*  
*Jas. A. Mahan.*

INVENTOR.

*Frederick W. Barrett.*

*H. A. Toulmin,*  
*his Attorney.*

# UNITED STATES PATENT OFFICE.

FREDERICK W. BARRETT, OF SPRINGFIELD, OHIO.

## TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 385,339, dated July 3, 1888.

Application filed August 4, 1887. Serial No. 246,094. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK W. BARRETT, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Temporary Binders, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in temporary book-binders.

The courts in some of the States use a great many blank forms, such as what are termed the "Judge's Temporary Restraining Order," 15 "Undertaking by Plaintiff for Injunction," "Order of Injunction," &c., and these forms are put up in the shape of pads, and then the pads are bound in the usual manner in a cover and are ready for use. The objection to this manner of binding them is that some forms are used more than others, and as it is not known which form may be used most in the several courts (this being a matter depending upon unforeseen contingencies) it results that some 25 forms are entirely used up before others, and then an entirely new set of forms under the one cover is usually ordered from the factory.

The object of my invention is to provide a cheap and simple device for detachably connecting the respective pads to the binding or cover in such manner that when one pad of forms is used up another like pad may be inserted in the cover in place of the previous 35 one, and without disturbing the ones already in the cover.

With this end in view my invention consists, essentially, of tubes connected to the ends of the pads and to the back of the binding, and of spindles composed of a wire or rod, 40 and constructed to engage the ends of the said tubes, so as to hold them together, and consequently hold the pads to the cover.

My invention also consists of spindles fastened to the pads and back in lieu of the tubes, and of tubular connecting devices constructed to engage said spindles, and thereby to connect the pads to the cover. From these remarks it will be understood that the terms

"tubes" and "spindles" will hereinafter 50 mean the combination of male and female matching devices, either form of which is secured to the pads and to the cover, while a counterpart is used in either case to connect them together.

In the accompanying drawings, forming a part of the specification, and on which like reference-letters indicate corresponding features, Figure 1 represents an edge view of a cover and pad broken off at one end, and of a 60 series of tubes secured to the cover, a single tube secured to the pad, and the spindle-connecting device; Fig. 2, a detail edge of the same with the flat and round tubes transposed from the position shown in Fig. 1; Fig. 3, a 65 like view to Fig. 1, save that all the tubes are round in cross section; Fig. 4, a plan view of a pad composed of one form of blanks, and a horizontal sectional view of the tubes and the spindle-connecting device; Fig. 5, an edge 70 view of one of the tubes; Fig. 6, a similar view to Fig. 4, showing the spindles secured to the pad and cover and the tubular connecting device; Fig. 7, a detail edge view of the cover, a pad, and several spindles, the latter being 75 shown in end elevation; Fig. 8, an inverted plan view of a form in which one tube and one set of spindles are used; Fig. 9, an edge view thereof; and Fig. 10, a detail sectional view of the bottom sheet of a pad, showing a clip at- 80 tached thereto.

The letter A designates a book binding or cover of any approved construction, to which are attached along the inner side of the back B a series of metallic tubes, F, either flattened 85 on the sides, as shown in Fig. 1, or of cylindrical contour, as seen in Figs. 2 and 3. These tubes are preferably secured by means of a strip, C, of fabric, leather, or other suitable material, glued or otherwise secured to the 90 re-enforce D of the back. By this means the connection of the tubes to the cover is strong and cheap.

The letter E refers to the pads, to which are secured at the ends toward the back B tubes 95 G, as seen in Figs. 1, 2, and 3, in any suitable manner, but preferably by means of a strip, H, of fabric or leather folded over the tubes,

and secured by an adhesive substance to the under side of the pads. The adhesive substance may also be placed between the tubes G and strips H. The same substance may also  
5 be used to secure the strip C to the tubes F. So far I have described the tubes as connected with the cover and the pads. I will now describe the spindles as connected with these two parts.

10 In Figs. 6 and 7 the letter I designates a spindle composed of a stout wire, with its ends preferably reduced and secured to the pad E in the same manner as the tube G is secured to the pad by the strip H, already described;  
15 also in Fig. 6 is shown another spindle, I', similar to the spindle I, but secured to the inside of back B, the connection being made in the same manner as the tubes F are connected with the back through the strip C.

20 In Figs. 8 and 9 one tube, J, is shown connected, in the manner already described, to the inside of the back B.

I will now proceed to describe that portion which I term the "connecting device," and  
25 which, like the portion already described, may be either tubular or of spindle form.

Referring first to Figs. 1, 2, 3, and 4, the letter K designates the spindle form of connecting device, the same consisting of a piece  
30 of wire bent, as shown, to form two prongs, which respectively enter the tubes F and G. One of these prongs is bent, as at L, so as to constitute a bend that will project itself into a slot through the tube into which that member  
35 is inserted, the object being to form an engagement between the prong and the tube which will prevent the former from accidentally slipping out. This describes that form of connecting device which is of the spindle  
40 character. A modification of this form of connecting device is seen in Figs. 8 and 9, in which a curved wire, M, is secured to a stout back, N, of the pad, and extended through the clips O, secured with the backing, thereby  
45 admitting of the ends of the wire being sprung in and out. They normally spring inwardly, and the projecting spindle ends P enter the tube J and form the connection between the pad and the cover or binding.

50 I will now refer to the tubular form of connecting device, which is shown in Fig. 6, and consists of two short tubes, Q, connected by a like tube or other cross piece, R. These tubes Q are arranged to fit over the ends of the spindles I and I', and thereby connect the pad  
55 with the cover or binding.

In Fig. 2 I have illustrated the tube which is flattened on the sides as connected with the pad, while the round tube, or the tube  
60 properly speaking, is connected to the inside of the back B. This form I prefer. I also prefer the forms in which the tubes are connected to the back and pads, and the spindle form of connecting device used in connection  
65 with them, to the alternate form shown par-

ticularly in Fig. 6. It will thus be observed that the pads can be removed when any one or more of them have been consumed and others be readily inserted in the place of those removed. Therefore the same binding can not  
70 only be used over and over again for entire new sets, but can also be used to receive and keep in a neat condition one or more new pads ordered from the factory while the others are yet unused. Another advantage is that  
75 the tubes are so arranged with respect to the ends of the pads that the under and upper surface of each form of the respective pads is exposed when the upper portion of the book is thrown back. Besides being able to supply  
80 the trade with the printed pads, with the tubes or spindles connected to them, I may merely supply the tubes and spindles with the strip for connecting them to the pads. This becomes necessary when other publishing com-  
85 panies desire to avail themselves of my particular means for connecting the pads to the covers.

Having thus fully described my invention, what I claim as new, and desire to secure by  
90 Letters Patent, is—

1. In a temporary binder, the combination, with the cover and pads, of a series of tubes and a series of spindles, one series being arranged to engage with the other series, and  
95 both series being located between the back of the cover and the ends of the pads, and running transversely to the cover and pads, and adapted to connect the back and pads together.

2. In a temporary binder, the combination,  
100 with the back and a series of tubes secured thereto, of pads and a tube secured to each pad, and a locking device which engages the ends of the tubes secured to the back with those secured to the pads.

3. In a temporary binder, the combination, with the cover and pads, of tubes secured to the back of the cover and tubes secured to the pads, and having two sides flattened and a slot  
110 in one of the narrower portions of the tube, near each end thereof, and a connecting device composed of two members, one of which has a bend therein, whereby when the members are projected into the tubes the bends extend into either of the said slots.

4. In a temporary binder, the combination, with the back, of a series of tubes on the inside thereof, and a strip of strong material secured to the back and passed over the successive tubes, whereby they are held in place.

5. In a temporary binder, the combination, with the back, of a series of tubes secured to the inside thereof, and a strip of strong material united to the back and said tubes by an  
125 adhesive material.

6. The combination, with a pad of printed forms, of a tube secured thereto along one end thereof and in the direction of the edges of the sheets of which the pad is composed.

7. The combination, with a pad composed  
130

of blank forms, of a tube and a strip of material passing around the tube and connected to the pad by an adhesive substance.

- 5 8. The combination, with a tube, of a strip of material secured thereto and constructed to be secured to the pad along one end thereof, so as to secure the tube in the direction of the edges of the sheets composing the pad.

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

FRED W. BARRETT.

Witnesses:

WILBER COLVIN,  
A. A. YEATMAN.