(No Model.)

J. M. BULKLEY.

DOCUMENT FILE.

No. 538,500. Patented Apr. 30, 1895.

Fig. 1.

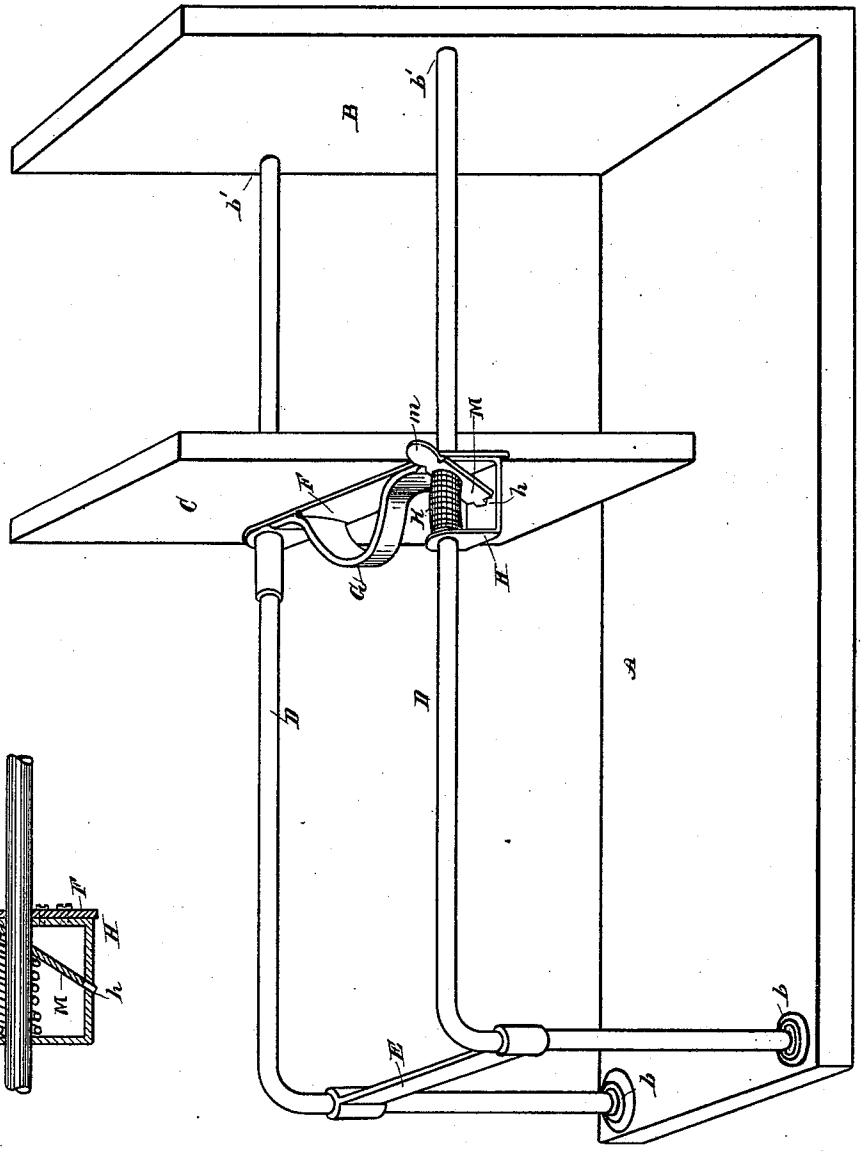


Fig. 2.

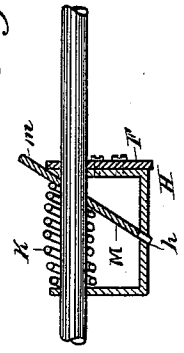
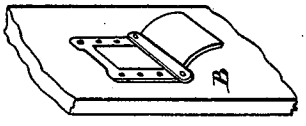


Fig. 3.



WITNESSES

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DOCUMENT-FILE.

SPECIFICATION forming part of Letters Patent No. 538,500, dated April 30, 1895.

Application filed June 1, 1894. Serial No. 513,152. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. BULKLEY, a citizen of the United States, residing at Monroe, county of Monroe, State of Michigan, have invented a certain new and useful Improvement in Document-Files; and I 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 pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to document files, and consists in improved means for holding the movable follower in position, and in the combinations hereinafter described and claimed.

In the drawings, Figure 1 shows my improved document-file in perspective. Fig. 2 represents the holding device partially in section. Fig. 3 represents an attachment to the fixed standard for the purpose of withdrawing it from a file-case or otherwise manipulating it.

Similar letters refer to similar parts.

In carrying out my invention, A indicates the bed portion or base, B the standard or end, and C the movable follower.

D, D, represent bars, which are firmly attached at one end, *b*, *b*, to the base A, and at the other end, *b'*, *b'*, to the standard B. A cross bar, E, firmly connects them, and renders the whole structure rigid.

The movable follower C is located between the bars D, D, and is attached to a movable cross bar F, one end of which carries a sleeve, which slides upon one of the bars D. By means of the firm attachment of the follower C to the cross bar F, and the sleeving of the cross bar F upon the bar D, the follower is always kept in an upright position. A loop or strap G is attached to the cross bar F, furnishing a handle by which it can be moved longitudinally upon the bars D D. Upon the end opposite the sleeved end of the bar F, there is attached a stirrup H, shown in section in Fig. 2. The opposite end of the stirrup is perforated, engages and slides upon the bar D. In the bottom of the stirrup, there is a perforation *h*. A clip, M, also engages the bar D, the perforation therein being somewhat larger than the bar, so that it can assume the position thereon as shown in Fig. 2. The lower end of the clip is adapted to engage in the hole *h* in the stirrup.

Encircling the bar D, and compressed between the outer end of the loop and the clip, is a spiral spring K, the tension of the spring forcing the clip into the position shown in Fig. 2. While in this position, it bites upon the bar D in such manner as to prevent the longitudinal backward movement of the stirrup, the cross bar F, and the follower C. The upper end of the clip M is extended into a finger piece *m*, by which it can be brought by the operator into an upright position, and at right angles to the bar D, compressing the spring in this movement, and pivoting, by means of the projection, in the perforation *h* in the stirrup. While in this position, the cross bar F, with the follower and the apparatus connected therewith, are all movable along the bars D D to any position. On letting go of the finger piece, the clip assumes the oblique position shown in Fig. 2, and at the same instant locks the follower F to the bars D.

The mode of operation is sufficiently obvious from the foregoing description.

What I claim is—

1. In a document file, the combination of a base, a fixed platen, parallel bars attached to said platen and base, a follower loosely mounted on said parallel bars, and a perforated clip pivoted at one end of a support made rigid with said follower, said perforation larger in diameter and engaging one of said parallel bars and adapted to grip the bar between its upper and lower edges, substantially as and for the purpose described.

2. In a document file, the combination of the base A, a fixed platen B, longitudinal bars D, a follower C, cross bar F, stirrup H, and spring actuated clip M, pivoted in the stirrup and adapted to swing in an arc of which the bar D forms the chord, substantially as described.

3. In a document file, the combination of the base A, a fixed platen B, longitudinal bar D, follower C, stirrup H, spring actuated clip M pivoted in the stirrup and adapted to swing in an arc along the bar D, and handle G, substantially as specified.

In testimony whereof I sign this specification in the presence of two witnesses.

JOHN M. BULKLEY.

Witnesses:

CHARLES F. BURTON,

FRANCES CLOUGH.