

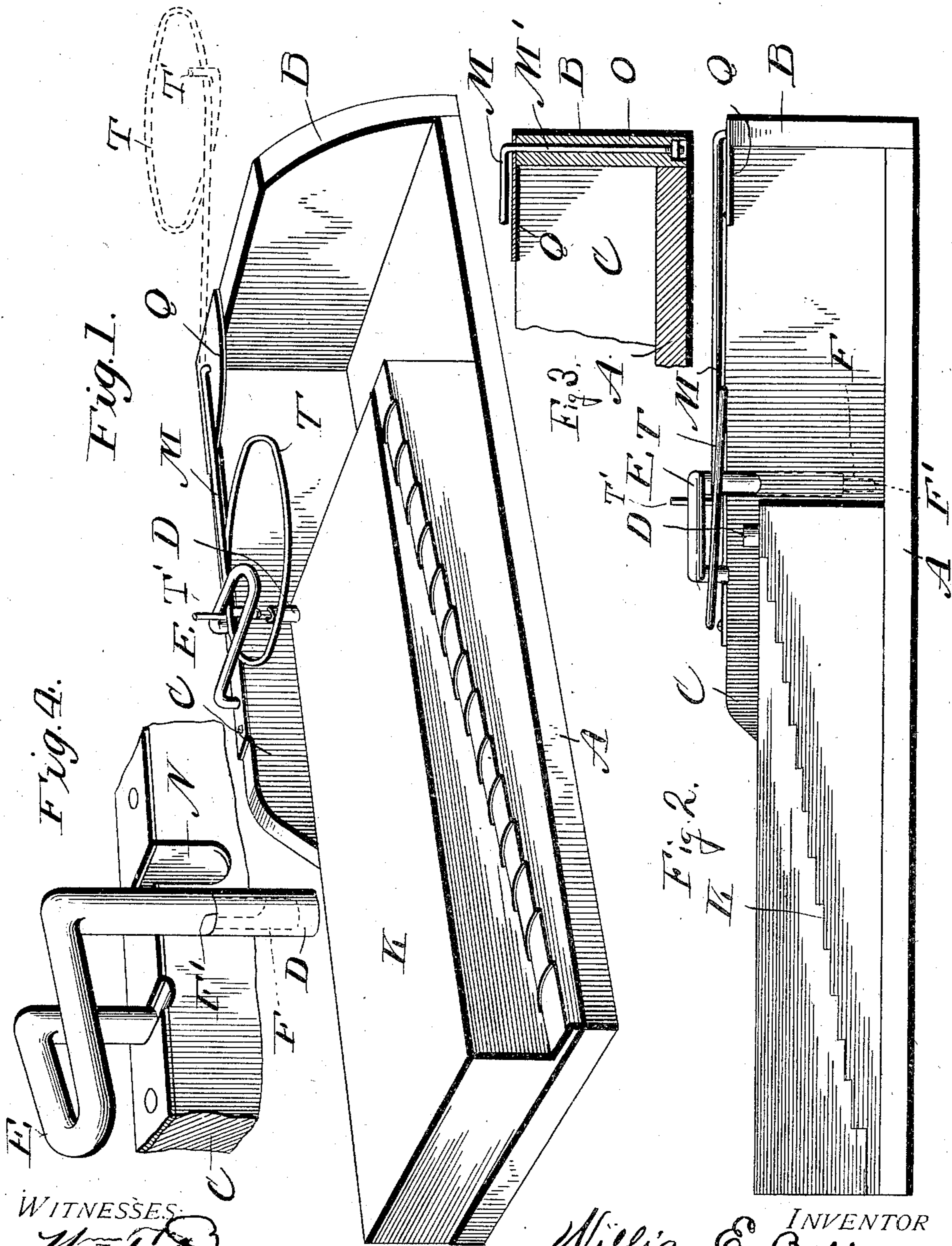
No. 725,197.

PATENTED APR. 14, 1903.

W. E. BALL.
ATTACHMENT FOR INDEX FILES.

APPLICATION FILED NOV. 7, 1902.

NO MODEL.



WITNESSES:
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ATTACHMENT FOR INDEX-FILES.

SPECIFICATION forming part of Letters Patent No. 725,197, dated April 14, 1903.

Application filed November 7, 1902. Serial No. 130,442. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. BALL, a citizen of the United States, residing at Zanesville, in the county of Muskingum and State of Ohio, have invented certain new and useful Improvements in Attachments for Index-Files; and I do 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 the letters of reference marked thereon, which form a part of this specification.

15 This invention relates to new and useful improvements in index-files; and it consists in the provision of means whereby a series of indexes may be held in place upon a rack or case and so arranged that when it is not in use it may be swung to one side and out of the way of the leaves of the index, whereby they may be easily removed when desired.

20 The invention consists, further, in various details of construction and combinations of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings—

30 Figure 1 is a perspective view of my attachment shown as applied to an index-file, the attachment being shown in dotted lines as swung out of engagement with the cards of the index. Fig. 2 is a side elevation of the apparatus illustrated in Fig. 1. Fig. 3 is a vertical sectional view through the end of the piece in which the pivoted wire is mounted. Fig. 4 is an enlarged detail in perspective of the invention.

45 Reference now being had to the details of the drawings by letter, A designates a board, and B designates an end piece and C a piece secured to the longitudinal edge of the board at right angles to said piece B. Rising from the board is a post D, which is solid and adapted to receive one end of the member E, which is swiveled in an aperture in the side piece C and adapted to swing so that one post F thereof, having a shoulder F', will engage said solid post as far as the shouldered portion

upon said member, making a continuous surface of equal diameter in order that the leaves K may be raised onto the enlarged portion of said member having the shouldered end without catching on said shoulder. When said member is not in use, it may be swung around so as to engage in a recess N in the side piece C, in which position the U-shaped portion, which is bent at right angles to the upright piece C, will be disposed adjacent to the top of the hollow post.

65 A wire M has one end bent at right angles, as at M', which part is pivoted in an aperture O, formed transversely through the upright piece B, a suitable plate Q being fastened over the corner formed by the meeting ends of strips B and C and through which an aperture is made for the reception of said end which is pivoted in the piece B. Said wire, which is flexible, is bent to form a coil T, and the extreme end adjacent to the coiled portion is bent at an angle, as at T', and is adapted, when said wire is depressed, to catch under the horizontally-disposed U-shaped portion of said member E, in which position the coil or circle formed out of the wire will rest yieldingly against the top of the series of index-leaves and hold the same flat. The said wire while it is flexible and depressed, in order to engage under said U-shaped portion of the member E, there is not sufficient force in the elasticity of said wire to raise said member from its lowest position. When it is desired to release the wire from said member, the operator merely depresses the wire sufficiently so that the angled end T' will be free from said U-shaped member, after which the latter may be swung out over the side piece, as shown in dotted lines.

While I have shown a particular construction of device illustrating my invention, it will be understood that I may make alterations in the detailed construction of the same without departing from the spirit of the invention.

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

1. In combination with an index-file, comprising a casing having a post rising therefrom, flanged edges on said casing, a swiveled member pivoted to said flanged edges of the

casing and having a transversely-disposed U-shaped portion extending over said post, a flexible wire pivoted to the casing and adapted to engage under said U-shaped portion, as set forth.

2. In combination with an index-file having a solid post rising therefrom, a swiveled member mounted on the casing and having a horizontally-disposed U-shaped portion extending over the top of said post, a flexible wire pivoted to the casing and having an angled portion adapted to engage under said horizontally-disposed U-shaped member, as set forth.

3. In combination with an index-file, com-

prising a casing, a solid post rising therefrom, a swiveled member carried by the casing and having a U-shaped portion extending over said post, a flexible wire pivoted to the flanged portion of the casing, a portion of said wire being bent into a coil, horizontally disposed, and having an angled end designed to engage under the U-shaped portion of said member, as set forth.

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

WILLIAM E. BALL.

Witnesses:

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T. F. THOMPSON.