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2,532,487

NOTE BOOK CLAMP

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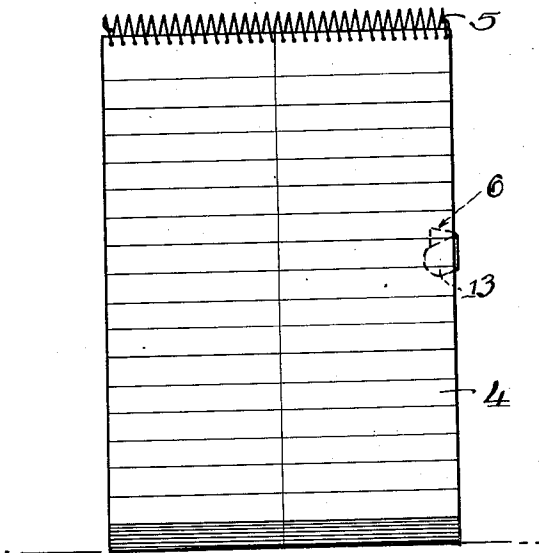


Fig. 1

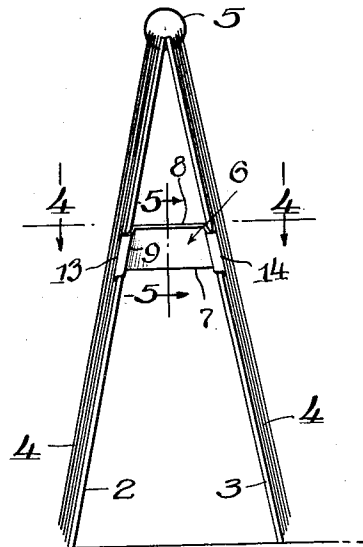


Fig. 2

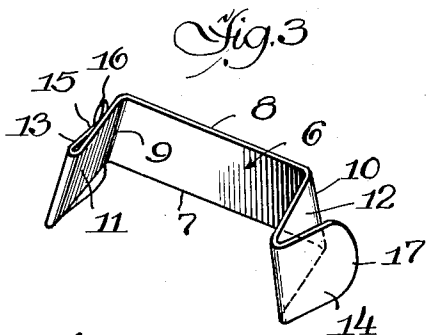


Fig. 3

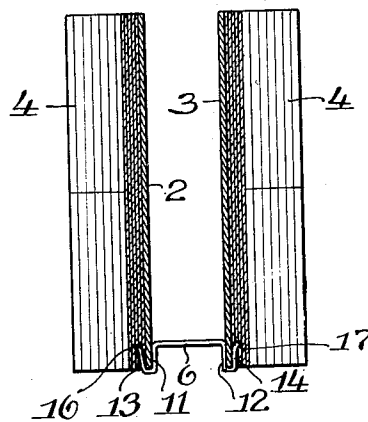


Fig. 4

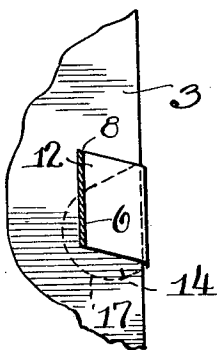


Fig. 5

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UNITED STATES PATENT OFFICE

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NOTEBOOK CLAMP

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3 Claims. (Cl. 120—28)

1

This invention relates to a note book clamp, particularly to a clamp adapted to hold the stiff covers of a note book in angular relationship so as to support the note book in standing position.

Although the clamp of the present invention is specifically described in connection with a stenographer's note book it may also be advantageously used with any stiff covered note book that the user wants to support in an upright position.

It is an object of my invention to provide a simple and inexpensive clamp that may be easily and quickly applied to or removed from the covers of a note book. It is a further object to provide a clamp that will securely hold the covers of a note book in spaced angular relationship. Other objects of the invention will become apparent upon reading the following description, in conjunction with the accompanying drawing, in which:

Figure 1 is a front elevation of a note book with the clamp applied to corresponding edges of the note book covers;

Figure 2 is a side elevation of the note book shown in Figure 1;

Figure 3 is a detail perspective view of the clamp;

Figure 4 is a cross sectional view taken along the line 4—4 of Figure 2; and

Figure 5 is a cross sectional view taken along the line 5—5 of Figure 2.

In the drawing, the reference numerals 2 and 3 designate a pair of note book covers. The covers and a plurality of sheets 4 are bound together at one end by a wire binding 5. The sheets and covers can be stitched together, or secured in any other suitable manner. The only essential characteristic of the note book, so far as the present invention is concerned, is that the covers must be stiff enough to support the weight of the sheets and the binding when the note book is stood in upright position as shown in Figures 1 and 2.

The clamp comprises a flat strip of resilient sheet metal bent to form a web 6 having its lower edge 7 longer than its upper edge 8. Each end of the metal strip is bent at approximately right angles along the lines 9 and 10 forming the ends of the web 6 to form end walls 11 and 12. The extreme ends of the strip are then bent back upon themselves to form ears 13 and 14. The lines upon which the ears 13 and 14 are bent are preferably parallel to the lines 9 and 10. The ears 13 and 14 are spaced slightly from end walls 11 and 12 and are curved inwardly, as indicated at 15, to provide a positive clamping action against the edges

2

of the note book covers, and then outwardly, as indicated at 16, to facilitate application of the clamp to the note book covers. The ears 13 and 14 are preferably rounded at their outer ends, as indicated at 17, to eliminate any sharp corners. Although the clamp is described as being made of metal, it is obvious that it may be made of any suitable plastic material instead.

The operation of the clamp is extremely simple. The clamp is removed from the note book, by pulling it laterally from the covers, when the stenographer wants to take notes or to lay the note book in her desk. When she wants to transcribe the notes she simply presses the clamp inwardly with one cover between ear 13 and end wall 11 and the other cover between ear 14 and end wall 12. The clamp is held frictionally with sufficient force that it will not be accidentally disengaged from either cover. The note book may then be stood on the bottom edges of the covers, as shown in Figure 2, and the sheets may be freely turned without effecting the position of the clamp. The angular relationship of the opposite ends of the clamp will conform generally to the angular relationship between covers 2 and 3 when the note book is in its upright position. The degree of angularity between the covers will depend upon the length of web 6 and the distance between the binding end of the note book and the clamp.

Although I have described a preferred embodiment of my invention in considerable detail, it will be understood that the description is intended to be illustrative, rather than restrictive, as many details may be modified or changed without departing from the spirit or scope of my invention. Accordingly, I do not desire to be restricted to the exact structure described, except as limited by the appended claims.

I claim:

1. A note book clamp comprising a resilient flat metal strip bent at each end along lines converging upwardly to form a pair of end walls, and bent again in reverse direction to form ears spaced outwardly of said end walls.

2. A note book clamp comprising a web shorter at its upper edge than at its lower edge, a pair of end walls extending at approximately right angles to opposite ends of said web, and a pair of ears spaced from end walls and adapted to cooperate with said end walls to clamp the covers of a note book.

3. A note book clamp comprising a flat web of resilient metal, the upper edge of said web being shorter than its lower edge, the resilient metal

being bent at each end of said web along converging lines to form end walls and then bent along lines parallel to said first lines of bending to form ears spaced outwardly of said end walls.

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5

10

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