

March 19, 1940.

D. K. BROOKS

2,194,003

ARTICLE HOLDER FOR LOOSE-LEAF NOTEBOOKS

Filed Nov. 3, 1938

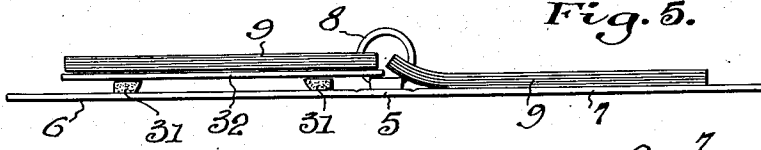


Fig. 5.

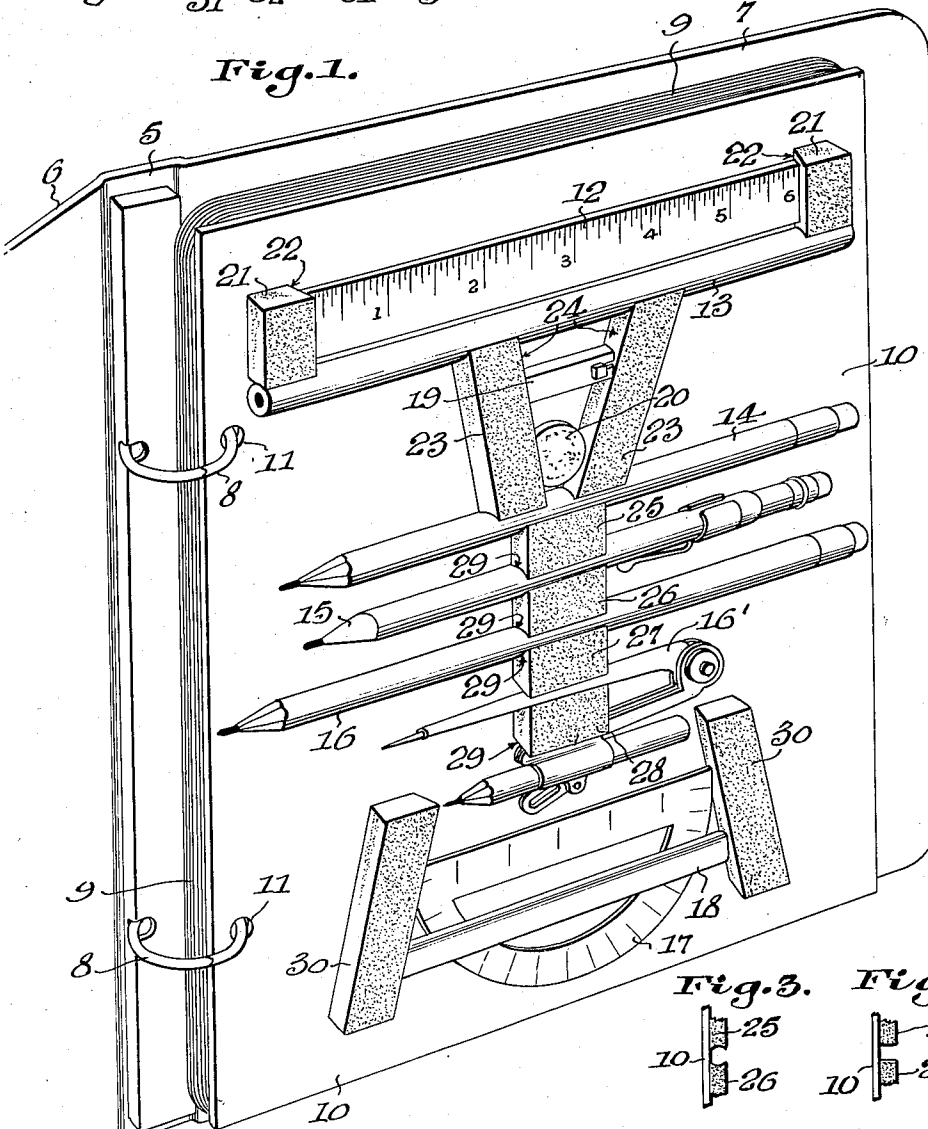


Fig. 1.

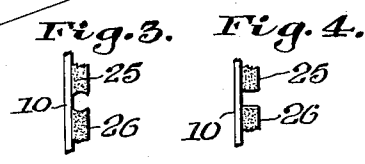


Fig. 3. Fig. 4.

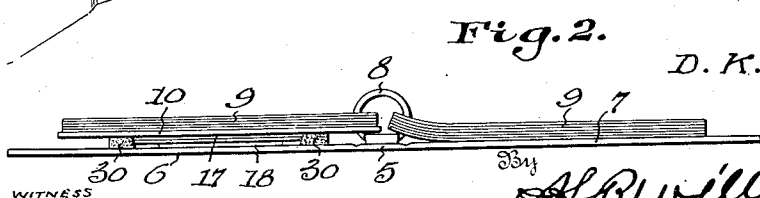


Fig. 2.

WITNESS
H. Woodards

Inventor
D. K. Brooks

By *A. B. Wilson*
Attorneys

UNITED STATES PATENT OFFICE

2,194,003

ARTICLE HOLDER FOR LOOSE-LEAF NOTEBOOKS

Doyle K. Brooks, Abilene, Kans.

Application November 3, 1938, Serial No. 238,653

11 Claims. (Cl. 281-3)

The invention aims to provide a new and improved device for holding pens, pencils, numerous other writing and drawing implements, and possibly other articles within a loose-leaf notebook, in such manner that any article may be conveniently removed for use.

In carrying out the above end, a further object is to provide a novel construction whereby the article holders are prevented from interfering with smooth lying of any of the pages and in fact prevented from contacting with any of said pages, either when the notebook is closed or open.

A still further object is to provide the article holders in the form of elastic blocks arranged in a novel manner.

With the foregoing in view, the invention resides in the novel subject matter hereinafter described and claimed, description being accomplished by reference to the accompanying drawing.

Fig. 1 is a perspective view showing a loose-leaf notebook improved in accordance with the invention.

Fig. 2 is an edge view with the book open, illustrating the manner in which the stiff board may smoothly support any portion of the filler which may be turned onto the same.

Figs. 3 and 4 are detail edge views showing different ways of shaping the edges of the elastic blocks.

Fig. 5 is a view similar to Fig. 2 but showing a modification.

Preferred constructions have been illustrated and will be rather specifically described, with the understanding, however, that within the scope of the invention as claimed, variations may be made.

A loose-leaf notebook is shown having a conventional back 5, a front cover 6, a rear cover 7, rings 8, and filler 9 engaged with said rings.

In Figs. 1 and 2, I provide a stiff board 10 of cardboard or the like to be mounted between the front cover 6 and the filler 9 or between the rear cover 7 and said filler, the first location being preferred. The board 10 is of a size corresponding to the leaves of the filler 9 and is provided with openings 11 to engage the rings 8. Carried by the side of the board 10 toward the cover (6 in the present disclosure) are a plurality of holders for various articles, for example, a rule 12, pencils 13, 14, 15 and 16, a compass 16', a protractor 17, a container 18 for pencil leads, and possibly a lip stick 19 and one or more coins 20. When the board 10 is swung toward the filler 9,

all of the articles are readily accessible for removal as required and reinsertion may, of course, be effected with equal ease. When the board 10 is swung toward the cover (6 in the present instance), the article holders rest on said cover and thereby support said board 10, permitting the latter to smoothly support any portion of the filler 9 which may be turned onto the same, as seen in Fig. 2. Thus, even though convenient provision is made for holding a plurality of articles, these articles will not interfere with writing upon both sides of the various leaves of the filler.

It is preferable that the article holders consist of a plurality of elastic blocks, for instance, sponge rubber with the skin left on at least the exposed sides, the material being cut into blocks and secured to the board 10 by glue or cement. The preferred arrangement of the blocks is shown and will now be described, but variations may, of course, be made.

Two of the elastic blocks 21 are secured to the board 10 in rather widely spaced relation to abut the opposite ends of the rule 12 and yieldably hold said rule in place, the inner opposed edges 22 of said blocks 21 being preferably undercut so that they diverge toward the board 10. A pencil, such as 13, may abut the lower ends or edges of the blocks 21, and I provide two additional blocks 23 whose upper ends may abut the lower side of said pencil, whereby the blocks 21 and 23 coact in yieldably holding said pencil in place. The blocks 23 preferably converge downwardly and are provided with undercut inner edges 24 cooperable in holding any of various articles, for instance, a lip stick 19 and one or more coins 20. Below the blocks 24, I show a number of vertically spaced blocks 25, 26, 27 and 28, the horizontal edges of which are undercut at 29. The upper edge of the block 25 is cooperable with the lower ends of the blocks 23 in holding the pencil 14, in the present disclosure. The lower edge of block 25 coacts with the upper edge of block 26 in holding the pencil 15, the adjacent edges of the blocks 26 and 27 hold the pencil 16, and the adjacent edges of 27 and 28 hold one leg of the compass 16', and the other leg of the latter may abut the lower edge of 28. The lower end portion of the board 10 is occupied by two downwardly diverging blocks 30 having undercut inner edges between which the protractor 17 and the lead holder 18 are wedged and yieldably held.

By providing the novel construction shown and described, a device has been provided for effective

tively carrying out the objects of the invention. While preferred details have been shown, attention is again invited to the possibility of making numerous variations within the scope of the invention as claimed. Moreover, it will be understood that the elastic blocks may be arranged to properly hold any desired articles, the invention being not restricted to the particular articles shown nor to the precise arrangements thereof. Moreover, it is not essential that the elastic blocks have beveled edges to engage the articles. For examples, in Fig. 3, I have shown the blocks 25 and 26 provided with channeled edges and in Fig. 4 have shown the same blocks with their inner edges perpendicular to the board 10.

In Fig. 5, I have illustrated a modification in which elastic blocks 31, such as those above described, are directly secured to the inner side of the front cover 6, although they could be secured to the rear cover 7. A stiff board 32 is mounted (preferably upon the rings 8) to lie between the blocks and the filler 9, both when the notebook is open and when it is closed. The blocks and the articles held thereby cannot, therefore, interfere with smooth lying of the various leaves of the filler 8 and cannot interfere with writing upon them.

I claim:

1. A device of the class described comprising a stiff board, and two elongated elastic blocks secured to one side of said board and converging toward one edge of the same, whereby an article may be slid upon said side of the board into wedging relation with said blocks.

2. A structure as specified in claim 1; the inner opposed edges of said blocks being undercut to urge the article toward said side of the board.

3. A device of the class described comprising a stiff board, two elastic blocks secured to one side of said board and having inner opposed edges spaced apart widely to abut the ends of a rule or other elongated article forced between said blocks, said blocks also having other edges at an angle to those aforesaid to abut one side of a second article, and an additional elastic block secured to said side of said board to abut the opposite side of said second article.

4. A device of the class described comprising a stiff board, two elastic blocks secured to one side of said board and having inner opposed edges spaced apart widely to abut the ends of a rule or other elongated article forced between said blocks, said blocks also having other edges at an angle to those aforesaid to abut one side of a second article, and two additional elastic blocks secured to said side of said board to abut the opposite side of said second article, said two additional blocks being so spaced that a third article may be forced between and yieldably held thereby.

5. A structure as specified in claim 4; together with a fifth elastic block secured to said side of said board to yieldably hold a fourth article against the edges of said two additional blocks remote from the second article.

6. A structure as specified in claim 4; together with a fifth elastic block secured to said side of said board to yieldably hold a fourth article against the edges of said two additional blocks remote from the second article, and a sixth elastic block secured to said side of said board and cooperable with an edge of said fifth block for holding still another article.

7. In a loose-leaf notebook having front and rear covers and a filler between said covers, a stiff board mounted to swing as a leaf between one of said covers and said filler, said stiff board being substantially as large as the leaves of said filler to smoothly support any of the leaves which may be turned onto said board when the notebook is opened, and a plurality of article-gripping devices mounted on the cover-facing side of said stiff board, said article-gripping devices being exposed and arranged to directly rest upon said one of said covers and stably support said stiff board in leaf-supporting position when the notebook is opened.

8. In a loose-leaf notebook having front and rear covers and a filler between said covers, a stiff board mounted to swing as a leaf between one of said covers and said filler, said stiff board being substantially as large as the leaves of said filler to smoothly support any of the leaves which may be turned onto said board when the notebook is opened, and a plurality of article-gripping devices mounted on the cover-facing side of said stiff board, some of said article-gripping devices being mounted near the four corners of said stiff board, others of said article-gripping devices being mounted on intermediate portions of said board, all of said article-gripping devices being exposed and of substantially uniform height, whereby said devices may rest solidly on said one of said covers to stably support said stiff board in leaf-supporting position when the notebook is opened.

9. A structure as specified in claim 7; said article-gripping devices consisting of elastic blocks.

10. A structure as specified in claim 8; said article-gripping devices consisting of elastic blocks.

11. In a loose-leaf notebook having front and rear covers, and a filler between said covers, a stiff board mounted to swing as a leaf between one of said covers and said filler, said stiff board being substantially as large as the leaves of said filler to smoothly support any of the leaves which may be turned onto said board when the notebook is opened, and a plurality of pairs of article-gripping elastic blocks between said one of said covers and said stiff board and mounted on one of these two members in position to abut the other of these two members, said article-gripping elastic blocks being exposed and arranged to stably support said stiff board in leaf-supporting position when the notebook is opened.

DOYLE K. BROOKS.