

May 4, 1926.

W. J. BARGEN ET AL

1,583,645

PEN AND PENCIL BOX

Filed August 28, 1925

Fig. 1.

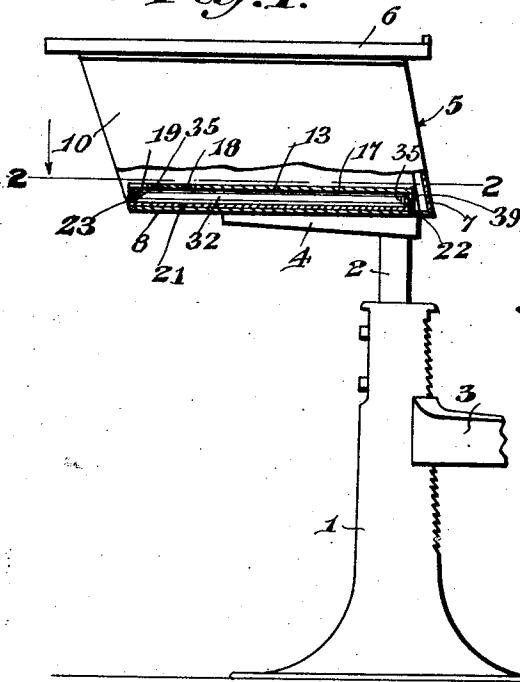


Fig. 2.

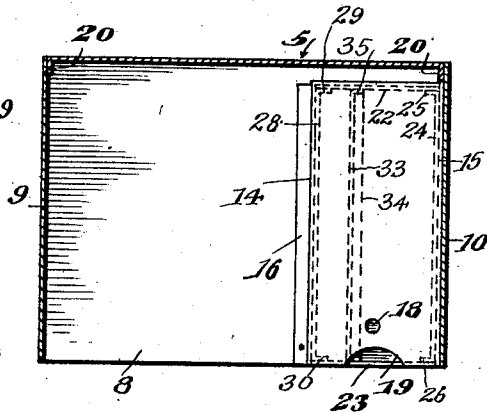


Fig. 3.

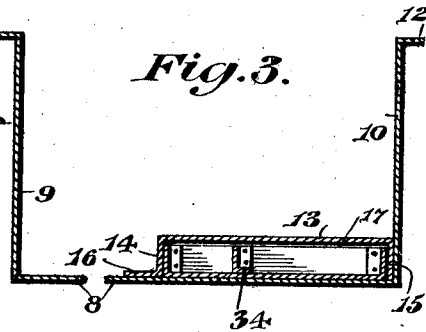


Fig. 4.

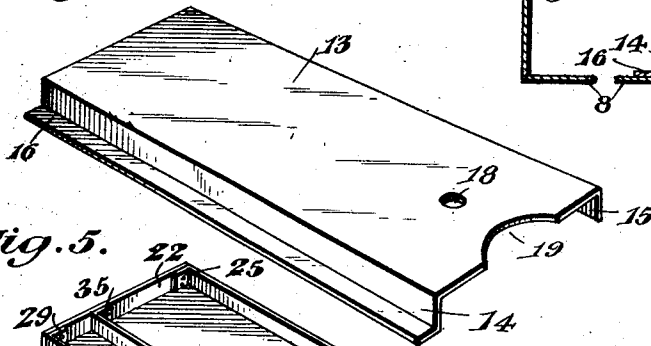
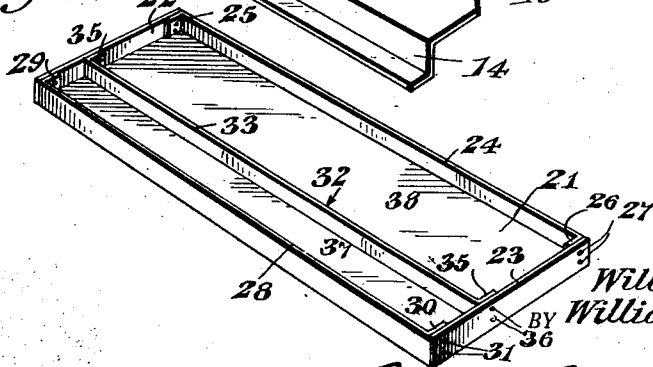


Fig. 5.



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UNITED STATES PATENT OFFICE.

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PEN AND PENCIL BOX.

Application filed August 28, 1925. Serial No. 53,098.

To all whom it may concern:

Be it known that we, WILLIAM J. BARGEN and WILLIAM R. BRENNAN, citizens of the United States, residing at Waukegan, in the county of Lake and State of Illinois; and Missoula, in the county of Missoula and State of Montana, have invented certain new and useful Improvements in Pen and Pencil Boxes, of which the following is a specification.

This invention relates to furniture, such as a combined desk and seat for use in school and lecture rooms, and is a continuation in part of our application filed October 29, 1924, Serial Number 746,066, and has for its object to provide, in a manner as hereinafter set forth, as a part of a desk body a pen and pencil box in convenient reach of the pupil and with the desk bottom constructed to slidably support and frictionally secure the pen and pencil box from accidental displacement.

Further objects of the invention are to provide, in a manner as hereinafter set forth, a desk body having as an element thereof a pen and pencil box which is simple in its construction and arrangement, strong, durable, thoroughly efficient and convenient in its use, readily assembled, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts, as hereinafter more specifically described and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1 is a side elevation, partly in section and broken away, of a combined desk and seat of the adjustable type, and showing the desk formed with a pen and pencil box, in accordance with this invention.

Figure 2 is a section on line 2—2, Figure 1.

Figure 3 is a horizontal sectional view of the body portion of the desk.

Figure 4 is a perspective view of the pen and pencil box retainer.

Figure 5 is a perspective view of the box.

Referring to the drawings in detail, 1 denotes a pedestal having adjustably connected therewith a desk supporting standard 2 and seat bracket 3. The pedestal 1 is provided with any suitable means for vertically adjusting and securing the standard and bracket in adjusted position. The standard 2 carries a supporting bracket 4, adapted to be secured to a desk or book box.

The desk or book box is generally referred to by the reference character 5, and comprises a body portion to be hereinafter described, a top member 6 and a front wall 7, which are connected to the body portion.

The body portion of the desk or book box is constructed from a single length of sheet metal, which is bent to provide a bottom 8 and a pair of side walls 9, 10. The forward and rear edges of each of the side walls extend upwardly and rearwardly at an inclination and each of the side walls preferably slidably decreases in height from the forward to the rear edge thereof. The top of each of the side walls is flanged for supporting and connecting the top member 6 to the body portion, and as shown, the flanges extend outwardly with respect to said side walls and are indicated at 11, 12.

The upper face of the bottom 8, between the longitudinal median of the desk or book box and the wall 10, has secured thereto a shallow inverted, channel-shaped member of sheet metal constituting a retainer for the pen and pencil box, and said member comprises a top 13, a pair of side walls 14, 15, and a flange 16 extending lengthwise of the side wall 14 and disposed at right angles thereto at the bottom thereof. The retainer further provides in connection with the bottom 8 a compartment 17, open at each end. When the retainer is set up, the wall 15 thereof abuts against one of the side walls of the body portion, as shown the lower portion of the inner face of the wall 10. The flange 16 and side wall 15 are secured respectively in any suitable manner to the bottom 8 and side wall 10 of the body portion. The retainer extends from the rear edge of the bottom 8 to a point in close proximity to the forward edge of the latter. The top 13 of the retainer, in proximity to its rear end, is formed with an opening 18, and further provided at its rear end, centrally thereof, with a segment-shaped notch 19 to permit of the convenient withdrawal

of the pen and pencil box to be presently referred to, from the compartment 17.

As shown, the front 2 of the desk or book box 5 is formed with a pair of inwardly extending flanges 20, which are secured to the inner faces of the walls 9, 10 of the body portion at the forward end thereof, and the retainer member, when secured in position, abuts against one of the flanges 20. See Figure 2.

The pen and pencil box is formed from a shallow receptacle, permanently open at its top and the width of the receptacle is such as to frictionally engage the inner face of the walls 14, 15, whereby the receptacle will be prevented from accidental displacement. The receptacle is constructed from a rectangular sheet of metallic material, of the desired width, and said sheet is bent to form an intermediate portion 21 and a pair of vertically disposed end portions 22, 23. The end portions 22, 23 are of a height slightly less than the height of the compartment 17. The intermediate portion 21 provides the bottom of the pen and pencil box, and the end portions 22, 23 form the end walls thereof.

Arranged between the end portions 22, 23 and flush with one of the end edges thereof is a flanged strip 24, which seats on the intermediate portion 21 and is of a height to be flush with the top edges of the end portions 22, 23. The flanges of the strip 24 are indicated at 25, 26, and which extend inwardly and are secured to the inner faces of the end portions 22, 23, by hold-fast devices 27.

Arranged between the end portions 22 and 23 and flush with the other end edges thereof, is a flanged strip 28, which is seated on the intermediate portion 21 and is flush with the top edges of the end portions 22, 23. The flanges of the strip 28 are indicated at 29, 30, and which extend inwardly and are secured to the inner faces of the end portions 22, 23, by the hold-fast devices 31.

Mounted on the intermediate portion 21 and of a length to abut the inner faces of the end portions 22, 23, is a partition member referred to generally by the reference character 32, and which is L-shaped in cross section. The vertical leg of the member 32 is indicated at 33, and the horizontal leg at 34, and which seats on the intermediate portion 21. The vertical leg 33 is flush with the top edges of the end portions 22, 23. The member 32 is formed with end flanges 35, which extend towards the flanges 25 and 26 and are secured to the end portions 22, 23, by the hold-fast devices 36. The body portion of the member 32 is positioned between the longitudinal median of the intermediate portion 21 and the strip 28 and provides two compartments 37, 38, and the latter is of greater width than the former.

The top 13 of the retainer member, at its forward end, has depending therefrom a flange 39 of a height materially less than the height of the compartment 17, and said flange acts as a stop when the pen and pencil box is shifted into the compartment 17. The pen and pencil box is of a length to extend from the flange 39 to the rear edge of the top 13.

It is thought that the many advantages of a desk or book box constructed in a manner as shown, more particularly with a pen and pencil box, can be readily understood, and although the preferred embodiment of the invention is as illustrated and described, yet it is to be understood that changes in the details of construction can be had which fall within the scope of the invention as claimed.

What we claim is:—

1. A pen and pencil box attachment for school desk boxes of the open rear type, comprising an inverted, shallow, channel-shaped member for seating upon the upper face of the bottom of the box horizontally thereof and adapted to have one side thereof secured to the inner face of one side wall of the box and its other side formed with a lengthwise extending outwardly projecting right-angularly disposed flange adapted to be secured to the upper face of such bottom, said member having the top thereof at its inner end formed with a depending, vertically disposed flange spaced from the upper face of such bottom, and an open top receptacle slidably mounted in said member and adapted to be supported by the upper face of such bottom and further having its inward movement arrested by said flange.

2. A pen and pencil box attachment for school desk boxes of the open rear type, comprising an inverted, shallow, channel-shaped member for seating upon the upper face of the bottom of the box horizontally thereof and adapted to have one side thereof secured to the inner face of one side wall of the box and its other side formed with a lengthwise extending outwardly projecting right-angularly disposed flange adapted to be secured to the upper face of such bottom, said member having the top thereof at its inner end formed with a depending, vertically disposed flange spaced from the upper face of such bottom, an open top receptacle slidably mounted in said member and adapted to be supported by the upper face of such bottom and further having its inward movement arrested by said flange, and said member having the outer end of its top formed with a segment-shaped notch to facilitate the withdrawal of the receptacle.

In testimony whereof, we affix our signatures hereto.

WILLIAM R. BRENNAN.
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