D. C. BUIE.

PAPER FILE.

APPLICATION FILED JAN. 23, 1914.

1,109,035. Patented Sept. 1, 1914.

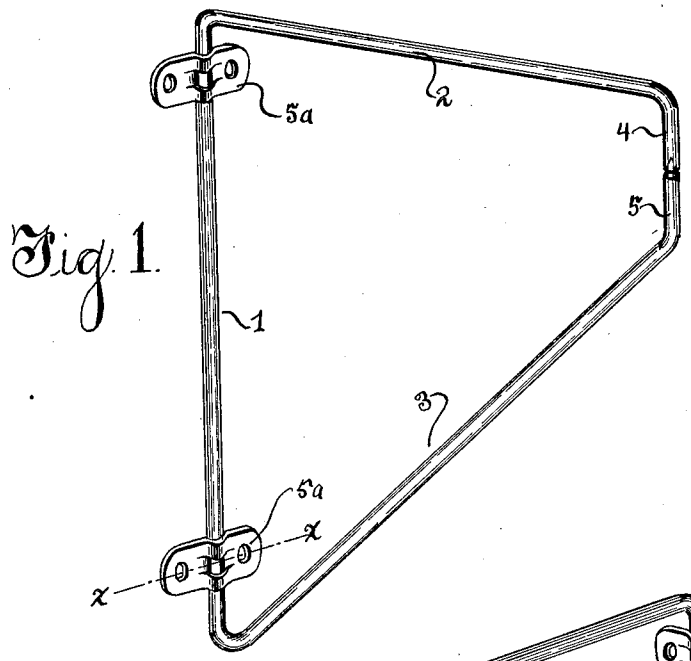


Fig. 1.

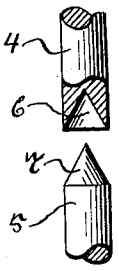


Fig. 3.

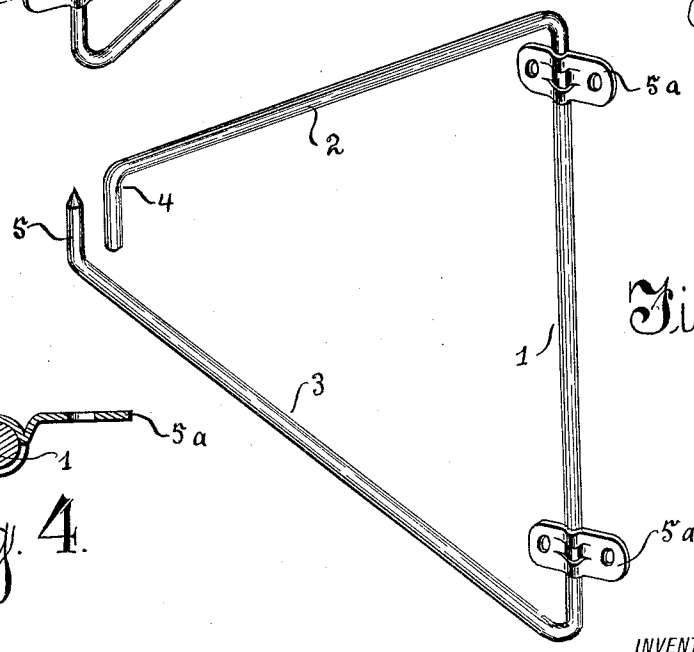


Fig. 2.

Fig. 4.

WITNESSES:

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UNITED STATES PATENT OFFICE.

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PAPER-FILE.

1,109,035. Specification of Letters Patent. Patented Sept. 1, 1914.

Application filed January 23, 1914. Serial No. 813,847.

To all whom it may concern:

Be it known that I, DANIEL C. BUIE, a citizen of the United States, residing at Wills Point, in the county of Van Zandt and State of Texas, have invented certain new and useful Improvements in Paper-Files, of which the following is a specification.

My invention relates to a new and useful paper file, and relates more particularly to that class of paper files which are formed of a wire provided with a pointed extremity, upon which the papers may be impaled.

It is the object of my invention to provide a paper file so constructed that any one of a collection of papers held by the file may be removed without necessitating the removal of any other of the papers from the file.

Another object of the invention is to provide a paper file of the character described, the sharp point of which will be normally so guarded as to eliminate any possibility of accidental damage or injury being done by said point.

A still further object of the invention is to provide a paper file that may be mounted upon a wall or the side of a desk and adapted to swing about a vertical axis passing through its points of attachment to such support, thus adapting it when not in use to be swung adjacent to the supporting surface out of the way.

Finally the object of my invention is to provide a device of the character described, that will be strong, durable, simple and efficient and comparatively easy to construct.

With these and various other objects in view, my invention has relation to certain novel features of the construction and use, an example of which is described in the following specification, and is illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view showing my paper file with its parts occupying their normal relation to each other. Fig. 2 is a perspective view showing the paper file adjusted in the position which it occupies when papers are to be placed upon or removed from the file. Fig. 3 is a detail view of the extremities of the wire of which the file is formed, showing the inter-fitting shapes of said extremities. Fig. 4 is a detail sectional view, the section being taken upon the line x—x of Fig. 1.

In the drawing, like reference characters are employed to designate similar parts in all the figures.

My paper file is formed of a single piece of stiff resilient wire bent to produce portions which are respectively designated by the numerals 1, 2, 3, 4 and 5.

The portion 1 is vertically disposed and pivotally mounted upon a suitable vertical surface by means of a pair of brackets 5^a. These brackets are formed of a single piece of material, suitably drilled for the reception of screw or other fastening means, and are divided, for a portion of their length, by parallel slits, the divided portions being expanded in alternately opposite directions to form journals for the file wire. The portions 2 and 3 respectively extend integrally from the upper and lower extremities of the portion 1, their directions being convergent. It is preferred to incline the member 3 upwardly at a somewhat more oblique angle than that at which the member 2 is inclined downwardly, the purpose of this arrangement being to cause the files to hang with their lower edges forming an incline so as to facilitate inspection of said files when desired. At a distance from the member 1, the portions 2 and 3 are respectively turned downwardly and upwardly as indicated by the numerals 4 and 5, the portion 4 having formed in its extremity a conical socket 6 adapted to receive the conically pointed extremity 7 of the member 5.

The portions 2 and 3 of the paper file are so sprung that when the parts 4 and 5 are not held in alinement through the engagement of their extremities, said parts tend to assume a slightly spaced relation as is shown in Fig. 2, the extremity of the part 4 then being at a somewhat lower level than the extremity of the part 5.

Obviously when the paper file is adjusted in the position illustrated in Fig. 2, papers may be very readily impaled upon the point 7, and slipped down upon the member 3, which has a sufficient length to hold quite a large number of papers.

When the device is not being handled, the inter-fitting extremities of the parts 4 and 5 are maintained in engagement as illustrated in Fig. 1, the maintenance of this engagement serving not only to retain the papers securely upon the portion 3 of the file, but

further serving to prevent the sharp point 7 from accomplishing any accidental injury or damage.

When it is desired to remove any certain paper without disturbing the relation of the other papers upon the file, those papers which lie in front of the desired paper are displaced upwardly onto the portion 2 of the file. The file is then adjusted to the position as indicated in Fig. 2 and the desired paper is removed. It now remains only to return the papers which were displaced upwardly to their previous position upon the portion 3 of the file.

When the file is not being handled, it is preferred to adjust it to a position such that the parts 2, 3, 4 and 5 will lie closely adjacent to the vertical surface which forms a support for the file.

The invention is presented as including all such modifications and changes as properly come within the scope of the following claim.

What I claim is:

In a file of the character described, the combination with suitable journaling means, of the file formed of a single piece of wire, comprising a base portion adapted to be journaled in said journaling means, a file holding portion angularly disposed with regard to said base portion, an angularly disposed pointed end on said file holding portion, an upper portion, and an angularly disposed socketed portion carried by said upper portion.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DANIEL C. BUIE.

Witnesses:
C. M. BURNETT,
B. O. PIRTEE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."