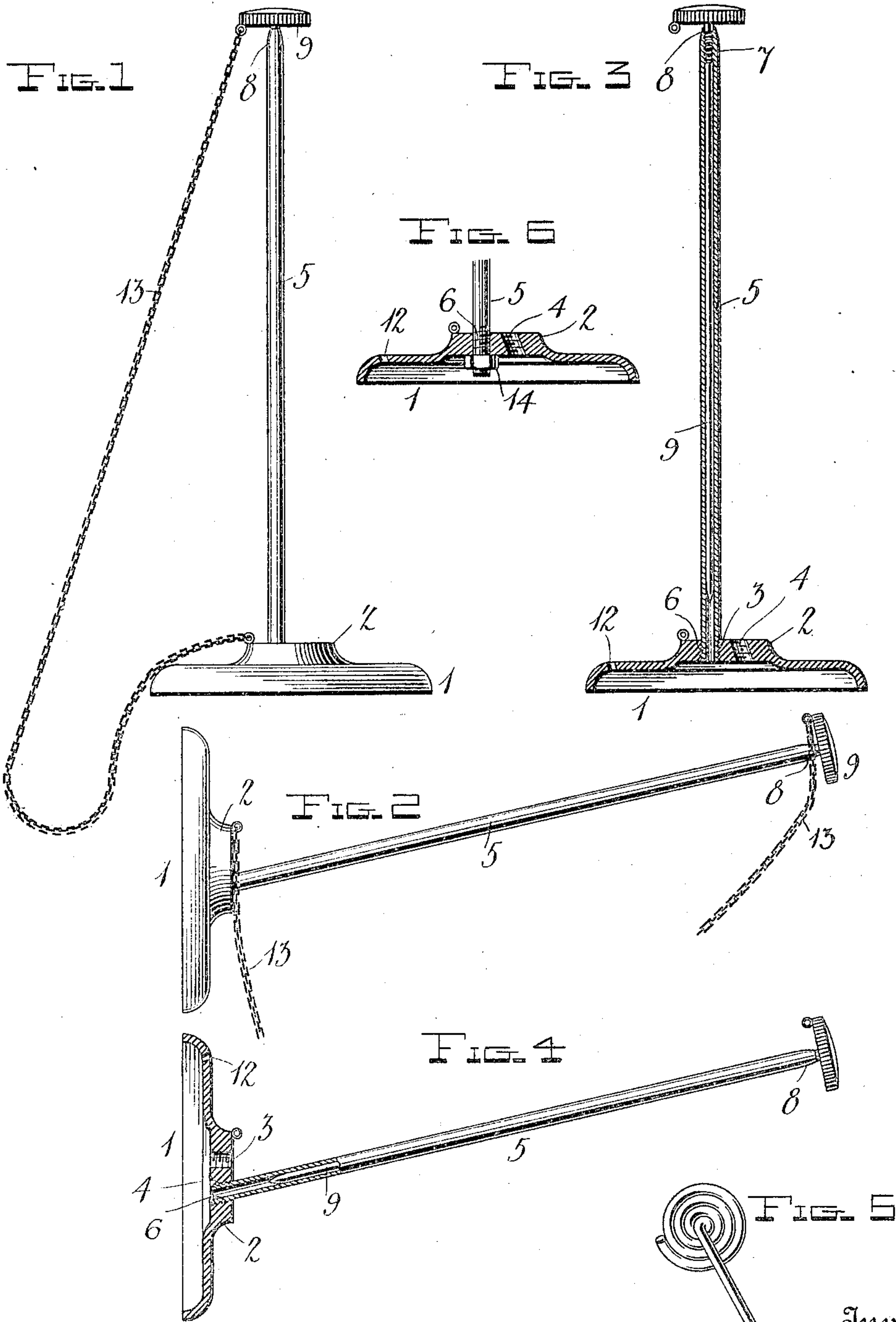


No. 808,864.

PATENTED JAN. 2, 1906.

L. E. McLAUGHLIN.  
PAPER FILE.

APPLICATION FILED APR. 20, 1905.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## PAPER-FILE.

No. 808,864.

Specification of Letters Patent.

Patented Jan. 2, 1906.

Application filed April 20, 1905. Serial No. 256,577.

*To all whom it may concern:*

Be it known that I, LUTHER E. McLAUGHLIN, a citizen of the United States, residing at Priceburg, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Paper-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.

This invention relates to improvements in paper-files.

The object of the invention is to provide a file of this character for holding bills or other papers which may be arranged for use upon a desk or table or to be hung upon the wall.

Another object is to provide a paper-file from which the papers may be removed and readily replaced when it is desired to obtain a bill or paper from the body of the file.

A further object is to provide a device of this character which will be simple, strong, durable, and inexpensive in construction and well adapted for use as a temporary or permanent file or paper-holder.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of the file, showing the parts arranged for use upon a desk. Fig. 2 is a similar view showing the parts arranged for hanging upon the wall. Fig. 3 is a vertical sectional view through the file with the parts in the position shown in Fig. 1. Fig. 4 is a similar view of the parts arranged as shown in Fig. 2. Fig. 5 is a detail fragmentary view of a modified form of pin; and Fig. 6 is a detail sectional view of the base, showing a different manner of securing the tubular rod.

Referring more particularly to the drawings, 1 denotes the base, which may be of any suitable material and of any desired shape or form, said base being here shown in the form of a circular hollow metal casting, in the center of which is formed a boss 2. The thickness of the boss is somewhat greater than that of the rest of the base. In the boss 2 is formed a right-angularly-disposed aperture 3 and an obliquely-disposed aperture 4, said apertures being arranged adjacent to each other, and each of the same is provided with

screw-threads. Adapted to be screwed into one or the other of the apertures 3 and 4 is a tubular paper-holding rod or bar 5, one end of which is provided with exterior screw-threads 6 to engage the threads in said apertures, while in the opposite end thereof is formed interior screw-threads 7, the outer edges of said interiorly-threaded end being beveled, as shown at 8. Adapted to be inserted through the tubular rod or bar 5 is a holding-pin 9, said pin being pointed on one end and provided on its opposite end with a milled head. Said pin is also provided adjacent to said head with a short series of screw-threads, which engage the threads 7 in the end of the tube and is inserted into the same, this arrangement permitting the pin to be securely fastened in the tube.

In the base 1, near one side of the same, is formed an aperture 12, by which the base may be engaged with a nail to hang the same on the wall.

While I have shown and described a screw-threaded connection between the tubular rod 5 and the base, it is obvious that the same may be connected without the use of threads and in any suitable manner, and while I have shown a screw-threaded connection between the holding-pin 9 and the outer end of the tubular rod 5 it is obvious that these parts may also be connected without screw-threads and in any suitable manner. If desired, the head and pin may be formed of a single piece of wire, as shown in Fig. 5. When it is desired to use the file upon a desk or other horizontal support, the tube 5 is screwed into the right-angularly-formed aperture 3 in the base, thus causing the same to stand in a vertical or perpendicular position. When it is desired to hang the file upon the wall, the rod 5 may be engaged with either the right-angularly or obliquely disposed apertures to cause the same to stand at a right angle to the wall or at an oblique position with respect thereto, the latter arrangement being preferred when the file-holder is arranged in this position.

While I have shown the file-holder arranged in single form, it is obvious that two or more holding-rods may be spaced apart and arranged upon a single base to enable the holder to more readily support large papers. When two holding-rods are employed, the pins 9 used in connection therewith may, if desired, be formed integral or otherwise connected together. The object in provid-



ing the removable holder-pin 9 is to facilitate the removal of a bill or paper from the body of the file and the replacing of the bills removed to reach this particular paper, this  
5 being readily accomplished by slipping the papers or bills above the one desired up on the tubular rod 5 and into engagement with the head on the holder-pin 9, after which the papers thus slipped up and the pin 9 are re-  
10 moved together from the rod 5, thus permitting the desired paper or bill to be removed. After removing this paper the papers on the pin 9 may be readily slipped back in place on the tubular rod 5 by again inserting the pin  
15 into the same. This may be done at once, or the papers may be allowed to remain on the pin 9 until the bill or paper removed has been replaced.

If desired, the holding-pin 9 may be con-  
20 nected to the base 1 by means of a light chain or other flexible connection 13 of such length as to permit the pin to be readily removed from the tube 5, so that when there is a number of papers or bills to be filed the pin may  
25 be temporarily left out of the tube, the chain 13 preventing the pin from becoming mislaid or lost. While the chain is shown and described as being connected to the base of the file, it is obvious that the same may be se-  
30 cured to the wall or other place adjacent to the file-holder.

While I have shown and described the base 1 of the file as being provided with two holes to receive the tubular rod 5, it is obvious that  
35 the same may be constructed with only one hole, which may be arranged therein either vertically or obliquely, as desired.

In Fig. 6 of the drawings is shown a different manner of attaching the tubular rod 5 to  
40 the base 1. In this instance the tubular rod is provided with a sufficient number of threads on its inner end to permit the same to be screwed through one of the holes in the base far enough to receive a jam-nut 14,  
45 which is screwed upon the projecting end of the tube and into engagement with the inner wall of the base, thus preventing the casual unscrewing or removal of the tubular rod 5.

From the foregoing description, taken in connection with the accompanying drawings, 50 the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be 55 resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim as new, and desire to secure by Let- 60 ters Patent, is—

1. A paper-file of the character described, comprising a base having formed therein a vertically and an obliquely disposed aperture, and a filing element adapted to be re- 65 movably engaged with one or the other of the apertures in said base, substantially as described.

2. A paper-file of the character described, comprising a base having formed therein ver- 70 tically and obliquely disposed apertures, a filing-tube adapted to be engaged with one or the other of the apertures in said base, and a holding-pin adapted to be removably inserted in and engaged with said filing-tube, 75 substantially as described.

3. A paper-file of the character described, comprising a base having formed therein ver- 80 tically and obliquely disposed threaded apertures, a filing-tube having exterior screw-threads formed on one end thereof to engage the threads in one or the other of the apertures in said base, interior screw-threads formed in the opposite end of said tube, a holding-pin adapted to be inserted in said 85 tube, threads formed on said pin to engage the interior threads in the end of said filing-tube and a head formed on the outer end of said pin, substantially as described.

In testimony whereof I have hereunto set 90 my hand in presence of two subscribing witnesses.

LUTHER E. McLAUGHLIN.

Witnesses:

REESE LEWIS,

HARRY NEEDLE.