

(No Model.)

W. HADDOCK.
LETTER AND BILL FILE.

No. 587,393.

Patented Aug. 3, 1897.

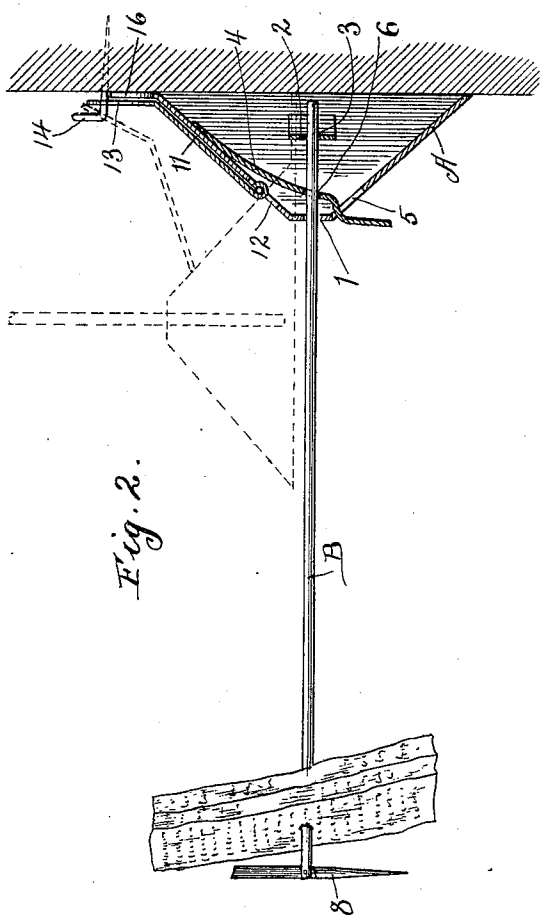


Fig. 2.

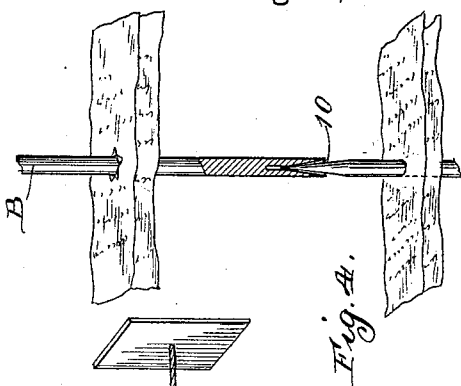


Fig. 4.

Fig. 3.

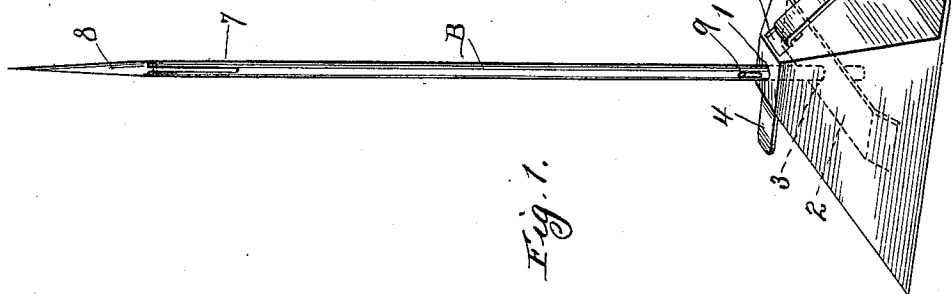
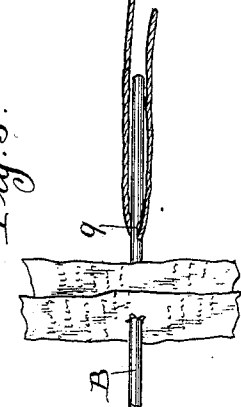


Fig. 1.

Witnesses:

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UNITED STATES PATENT OFFICE.

WORCESTER HADDOCK, OF CHICAGO, ILLINOIS, ASSIGNOR TO JOSEPH H. GERLACH, OF SAME PLACE.

LETTER AND BILL FILE.

SPECIFICATION forming part of Letters Patent No. 587,393, dated August 3, 1897.

Application filed September 8, 1896. Serial No. 605,133. (No model.)

To all whom it may concern:

Be it known that I, WORCESTER HADDOCK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Letter and Bill Files; and I do hereby 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.

My invention relates to a novel construction in a letter and bill file, the object being to provide a device of this description which will permit papers to be filed thereon with ease and from which they can be transferred to other filing devices by very simple operations; and it consists in the features of construction and combinations of parts hereinafter fully described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a perspective view of a letter and bill file constructed in accordance with my invention. Fig. 2 is a sectional view of the same, showing it hung upon a wall. Fig. 3 is a detail view of the end of the pin or needle, showing the manner of transferring the papers filed thereon to a string-file. Fig. 4 is a similar view showing the manner of transferring the papers to an ordinary file.

My invention consists, essentially, in providing a base portion in which the pin or needle upon which the papers are adapted to be filed is removably mounted by means of a simple clutch mechanism which avoids the use of screw-threads, which hinder the easy transfer of papers therefrom, and in providing said pin or needle with devices which provide against the loss of papers filed and with devices to enable such papers to be easily transferred from said pin or needle to other filing devices.

To this end my device consists of a base A, preferably of a rectangular pyramid form, in the apex of which an opening 1 is provided. Said base A is hollow, and below said apex and within the hollow portion of said base I provide a cross-piece 2, which is provided with an opening 3 in alinement with said opening 1. A flat spring-lever 4 is secured

at one end to one of the inner faces of said base opposite the side edges of said cross-piece 2 and passes upwardly at an incline between the same and said apex and protrudes at its other end through an opening 5 in the opposite side wall of said base immediately below said apex. The end portion of said lever 4 is preferably bent upwardly and outwardly, so that the projecting portion thereof forms a finger-piece practically parallel with the plane of the base of said pyramid. Said lever 4 is provided with an opening 6 in alinement with said openings 1 and 3, through which the pin B is adapted to pass, and which is adapted to clutch the same in an obvious manner to prevent its removal. Said pin B is provided with a bifurcated end portion 7, in which the pointed portion 8 is pivoted. The lower end of said point portion 8 is angular and is adapted to abut against a similar angular face at the lower end of said bifurcated portion, thus preventing said point portion from swinging in more than one direction. The conical end of said point portion is of the same diameter as said pin and is flush therewith when in the position shown in Fig. 1. When in this position, the papers are adapted to be filed and the said point portion 8 then swung into the position shown in Fig. 2, which would obviously prevent them from dropping or blowing off. Adjacent its lower end portion and just above said apex of said base said pin B is provided with an eye or needle-hole 9, through which a cord is adapted to be passed if it is desired to transfer the papers to the same. After said cord has been passed through said eye 9 the said pin B is removed from said base A by depressing the lever 4 and thus releasing the clutch. The papers are then passed over said cord and are thus transferred thereto, as shown in Fig. 3. The lowermost end of said pin B is provided with a conical recess 10, which is adapted to receive the pointed end of an ordinary wire file, as shown in Fig. 4. In this manner the papers may obviously be transferred to said wire file without first removing them from the pin B and then inserting them singly upon the other file, as has heretofore been common.

It is frequently desired to hang letter and

bill files upon the wall of an office to save desk-space, and to permit this I have provided a link 11, which is hinged at one end in a recess 12 in the wall of said base opposite said recess 5 and extends downwardly parallel with said wall. The other end of said link 11 is bent parallel with the plane of the base of said pyramid and is provided with an elongated opening 13, which is adapted to receive a hook 14 in the wall, as shown in Fig. 2. Said base A is provided with a flange 15, also parallel with the plane of the base thereof. The said flange 15 extends outwardly a less distance than said end of said link 11 and is provided with a recess 16 at its middle portion to permit the ready insertion of said hook 14 in said opening 13. The object of said flange 15 is to hold said base A away from the wall when it is desired to hang the device in the position shown in dotted lines in Fig. 2.

I claim as my invention—

1. In a letter and bill file, a hollow base provided with an opening in its upper face, a cross-piece below said upper face and provided with an opening in alinement with said opening therein, a clutch between said cross-piece and said upper face of said base, and a pin adapted to pass through said openings and to be engaged by said clutch.

2. In a letter and bill file, a base adapted to receive a pin and provided with a spring-clutch adapted to engage said pin and hold the same against removal, and a link pivoted

to said base and provided with an opening at its other end adapted to receive a hook to hang said file upon a wall.

3. In a letter and bill file, a base adapted to receive a pin and provided with a spring-clutch adapted to engage said pin and hold the same against removal, a link pivoted to said base and provided with an opening at its other end adapted to receive a hook to hang said file upon a wall, and a flange on said base adjacent said hook adapted to abut against the wall and hold said base outwardly therefrom when said file is hung so that said pin is upright.

4. In a letter and bill file, a hollow base provided with openings to receive a pin, a flat spring-clutch mounted within said base and protruding therefrom provided with an opening adapted to receive and engage said pin, and means for hanging said file upon a wall in a horizontal or vertical position.

5. In a letter and bill file, a pin provided with a pivoted pointed end adapted to be turned to extend transversely thereto, an opening adjacent the lower end thereof adapted to receive a cord, and a recess in its lower end adapted to receive the pointed end of a wire or the like.

In testimony whereof I affix my signature in presence of two witnesses.

WORCESTER HADDOCK.

Witnesses:

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