July 12, 1932. R. CONNOR ET AL 1,866,966

POSTING STAND

Filed Dec. 22, 1930 3 Sheets-Sheet 1

Fig. 1.

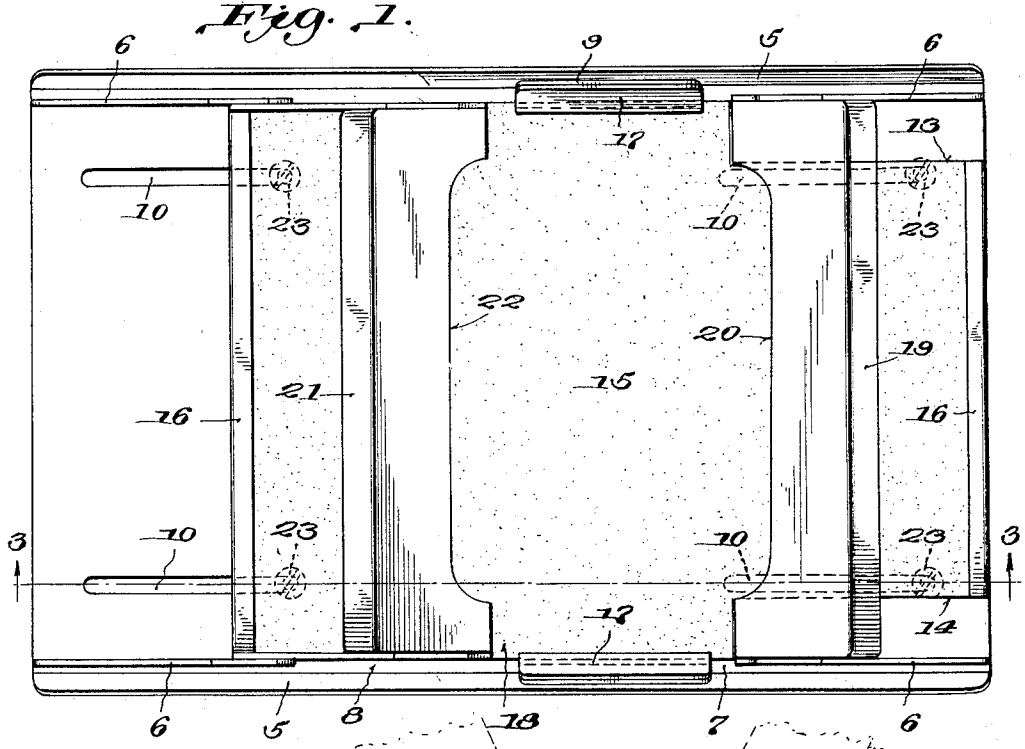
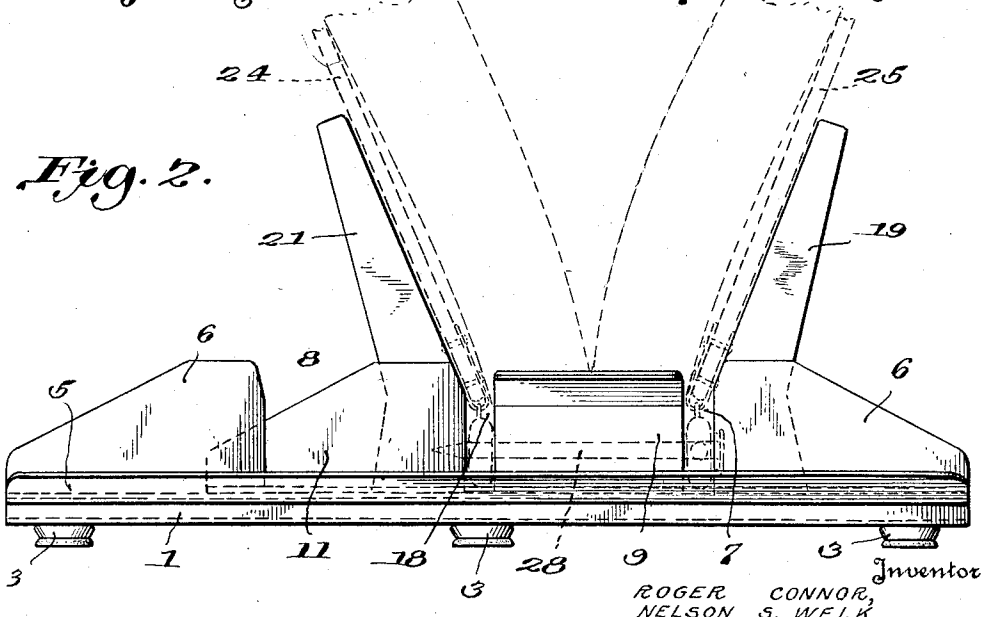


Fig. 2.



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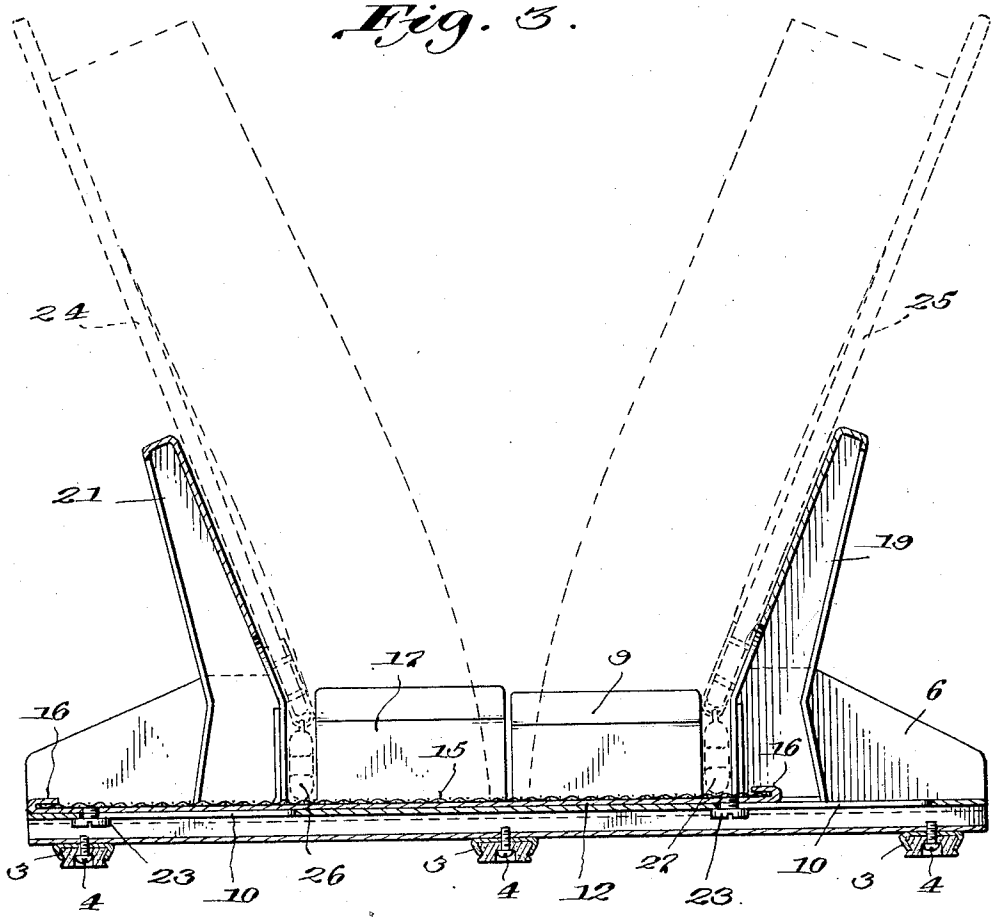
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Fig. 3.



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Fig. 4.

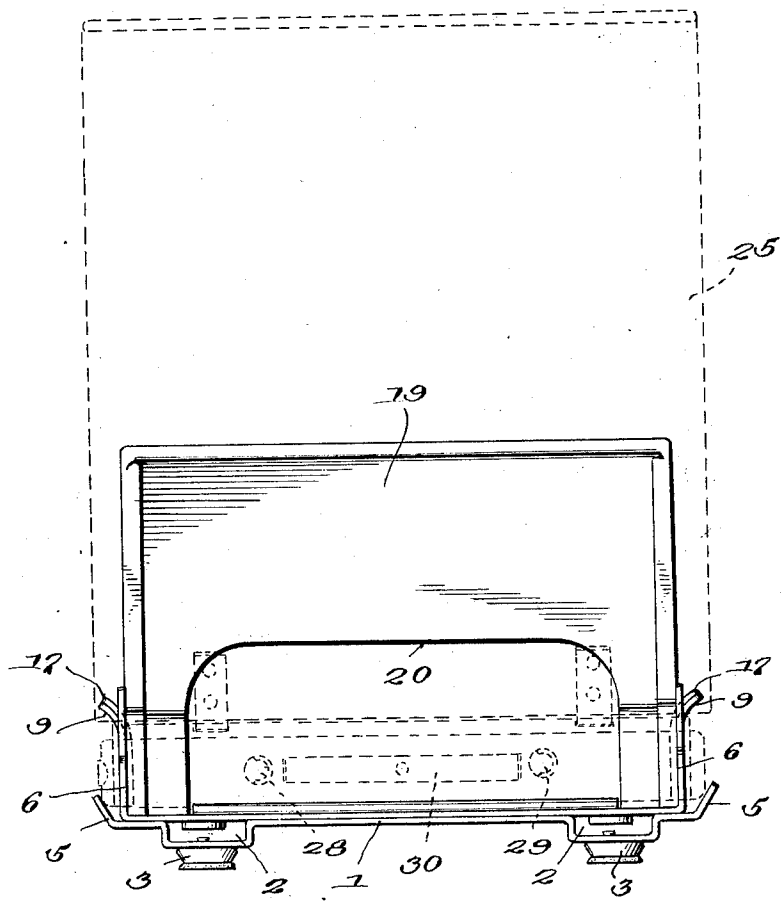
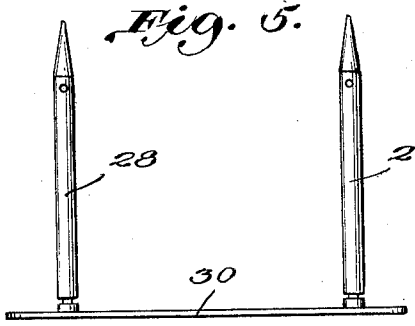


Fig. 5.



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UNITED STATES PATENT OFFICE

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POSTING STAND

Application filed December 22, 1930. Serial No. 504,130.

This invention relates to an improvement in posting stands.

The posting stand is of the type usually employed in machine book-keeping and finds ready application in a business handling a large number of running accounts.

The principal object is to provide an improved support for ledger binders or lose sheet holders which quickly aids the removal and insertion of loose sheets and also supports the binder so that all of the sheets are accessible.

A further object of this invention is to provide a posting stand in which the binder covers are held by the stand when the binder is in posting position.

Another object is to provide a posting stand which will serve as a support for a binder of the post type and also serve as an adjusting means for the binder.

A further object is to provide means for preventing the jogging or slipping of the loose leaves along the supporting base member.

A still further object is to provide a posting stand which is economical in structure and easy to operate.

The accompanying drawings illustrate the invention:

Figure 1 is a plan view of the posting stand shown in its minimum capacity position;

Figure 2 is a side elevation of the stand, a loose leaf binder being shown in posting position;

Figure 3 is an enlarged sectional side elevation on line 3—3 of Figure 1 of the posting stand but opened to its maximum capacity position;

Figure 4 is an end view of the posting stand shown in Figure 3, and,

Figure 5 is a detail, showing the type of removable binding posts employed in the binder.

In operating a machine book-keeping department, it is very essential that there be some means provided for rapid access to the many standing accounts, so that the posting operator can quickly remove a ledger leaf or card, perform the necessary posting and proceed rapidly to the next posting operation.

Many growing concerns are now installing binders rather than ledger trays for the ledge accounts, primarily because the binder is easier to carry around for inter-departmental reference and also because the binder is smaller. Therefore, portability and unit size are paramount.

In actual posting, it has been proven that there is nothing faster than the ledger tray. In such a tray it is not necessary for the operator to fit the leaves over posts or mechanism, for she can simply remove a ledger leaf or card, drop it carelessely into the tray and continue to the next posting. Up until this time, however, it has been necessary, when using a post binder, for the operator to accurately fit the punchings of the leaves over posts or other mechanism before she proceeds to the next posting.

Realizing the many disadvantages inherent in posting devices of the prior art, the device forming the basis of the present invention was evolved so that it would be nothing more or less than a binder when used for reference work and would approximate in every detail a ledger tray during the operation of posting.

In the device shown, the loose leaves carrying the accounts are provided with marginal post-receiving eyes, thereby providing security for the ledger leaves. Slit hole punchings are not satisfactory since the loose leaves are not securely held in the binder. Furthermore, the book-keeping machine manufacturers are producing today front feed style machines which will not successfully take leaves punched with slit holes. When using leaves provided with slit hole punchings, the corners of the punchings eventually become dog-eared and torn and will not fit easily over the binding posts. By providing a ledger leaf having marginal post-receiving eyes and removable binding posts, the leaves are kept in good condition regardless of the number of times the leaves might be inserted in a book-keeping machine or handled by the posting operator.

The posting stand described herein, is pro-

vided with a suitable base member 1, formed of sheet metal, and shaped as a channel with the channel opening facing upwardly, defining a trough. The base member is provided with two channel shaped troughs 2, 2, extending lengthwise of the base and parallel to each other. Depending downwardly from said base member are four pedestals 3, which are secured to the base by means of a screw fastening 4. When placed upon a horizontal surface, the trough of the base member is horizontal. The base member is provided with flanged side members 5, 5.

Resting upon the upper face of the trough is a second sheet metal substantially channel shaped supporting member 6 having upstanding parallel side portions integral with the bottom of said supporting member. This supporting member is of the same length as the base member 1 and is preferably spot welded or secured thereto, and the side portions are cut out at 7 and 8 to form definite breaks therein for a purpose to be later described. These breaks in the upstanding side portions leave a portion of sheet metal 9, on both of the longitudinal parallel side portions. The upper marginal edges of the sheet metal portions are flared outwardly as shown in Figure 4. The width of the portions 9 is made to conform to the inside measurement of a temporary loose leaf binder when said binder is filled to minimum capacity with loose leaf sheets featuring ledger accounts. The supporting member 6 is provided with four slots 10, extending lengthwise of the posting stand, the slots being in pairs and the pairs being aligned longitudinally. These slots overlie the troughs 2, 2 in the base member 1.

Registering with the supporting member 6, is a second, longitudinally adjustable supporting member 11, constructed substantially the same as member 6 except that the leaf supporting portion 12 of the member 11 is provided with cutaway portions 13 and 14 in order that the leaf supporting portion may move without being obstructed by parts of the fixed member 6.

Preferably, the member 12 is covered on its upper face with a pad 15, consisting of burlap or other suitable material which is held upon the member 12 by turning over the edges of the member 12 as at 16. The purpose of this pad will be later described. The adjustable supporting member is provided with two sheet metal portions 17, which register with the portions 9 when the supporting member 11 is moved to the minimum capacity position. When these members register, members 9 lie against and hide members 17. Since the side flanges have definite breaks therein, when the adjustable member is moved to its minimum capacity position, definite slot portions 7 and 18 are formed on both sides. These slot portions are of equal width and are parallel and extend downwardly to the leaf supporting member 12.

The member 6 is provided with a sheet metal diverging upper portion 19 adapted to support the cover of a binder. This member 19 is made of suitably stamped metal and is of a form such as shown in Figure 3. It may be secured to the member 6 by spot welding or other preferable means. The cover supporting member 19 is provided with a cut-out portion 20, defining a hand hole. Likewise, member 11 is provided with a sheet metal diverging upper portion 21 provided with a cut out portion 22, defining a hand hole.

The leaf supporting member 12 is provided on its under surface with a plurality of downwardly depending studs 23, adapted to slide in the slots 10. The studs are provided with heads so that the member 11 can freely slide within the member 6 but yet it can not be raised upwardly or out of engagement from said member 6.

For the purpose of showing how the posting stand operates and how it is expanded for posting operations, a temporary loose leaf binder or ledger binder is shown in dotted outline, as having covers 24, and 25 and cover locking bars 26 and 27. Figure 2 shows the binder in closed position and the posting stand in minimum capacity position. The loose leaves and the covers are held together by means of posts 28 and 29. The posts are secured rigidly to a post bar 30 and held in spaced relation. The punchings in the sheets or leaves, the holes in the locking bars and the posts are of the same spacing so that the posts will readily enter the same for binding. The binder and its associated parts and contents forms no part of this invention, the same being reserved for a separate patent application. Therefore, the same has been shown in dotted outline, the more readily to aid in the understanding of the operation of this device.

In practice, the binder covers being in closed position and it being desired to place the binder in the posting stand, the top bar 26 will first be unlocked before placing the binder in the stand. This operation permits the posting stand to automatically adjust itself to the thickness of the binder as the binder covers 24 and 25 are dropped into the slotted portions 7 and 18. After this operation, it is preferred to hold the covers and the sheet body erect with the posting operator's left hand and then release the posts 28, 29 and the post bar 30 by pressing the locking button in the bottom cover locking bar (not shown) whereupon the posts and post bar may be withdrawn from the binder with the right hand through hand hole 20. After the posts have been removed, the posting operator pushes the entire sheet body back to the rear of the posting stand. This op-

eration slides the supporting member 11 to full open position and permits the operator to remove the ledger sheets from the binder with ample posting space. The binder is therefore ready for posting. Therefore the expansion of the binder automatically expands the posting stand.

Since the posts have been removed, the leaves of the binder will rest upon the pad 15 which functions to support them without allowing them to slide and bend and become misplaced.

When posting is completed the sheet body is, of course, all forward against the front cover. The binding posts may be started through the back cover of the binder and a few of the leaves. With the right hand against the post bar 30 and the left hand against the bar of the front cover, the two binder covers may be brought together with a rapid movement, thus at the same time returning the adjustable supporting member 11, of the posting stand, to the minimum capacity position.

We claim:

1. A posting stand comprising a support formed of a sheet-metal section, two sheet-metal sections having flat portions and diverging upper portions resting upon said support, one of said last mentioned sections being adjustable and sliding above the other, each of said sections being provided with a pair of parallel slot portions, one of the pairs of slots being parallel to the other pair, the two pairs of slots being thus adapted to support the covers of a temporary binder in a substantially parallel relation, and cooperating means on all three of said sheet-metal sections, whereby said adjustable section may slide above and with respect to the other two fixed sections to support the binder covers in a closed position when in one position and in another position to support the binder covers in a posting position.

2. A posting stand comprising a support formed of a sheet-metal section, two sheet-metal sections having flat portions and diverging upper portions resting upon said support, one of said last mentioned sections being adjustable and sliding above the other, each of said sections being provided with a pair of parallel slot portions, one of the pairs of slots being parallel to the other pair, the two pairs of slots being thus adapted to support the covers of a temporary binder in a substantially parallel relation, said temporary binder including detachably secured binding posts, both of said sections being provided with openings adapted to receive or permit removal of said posts, and cooperating means on all three of said sheet-metal sections, whereby said adjustable section may slide above and with respect to the other two fixed sections to support the binder covers in a closed position when in one position and in another position to support the binder covers in a posting position.

In testimony whereof we affix our signatures.

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