

(No Model.)

W. M. KINNARD.
MEMORANDUM SALES SLIP CASE.

No. 514,939.

Patented Feb. 20, 1894.

FIG. 1.

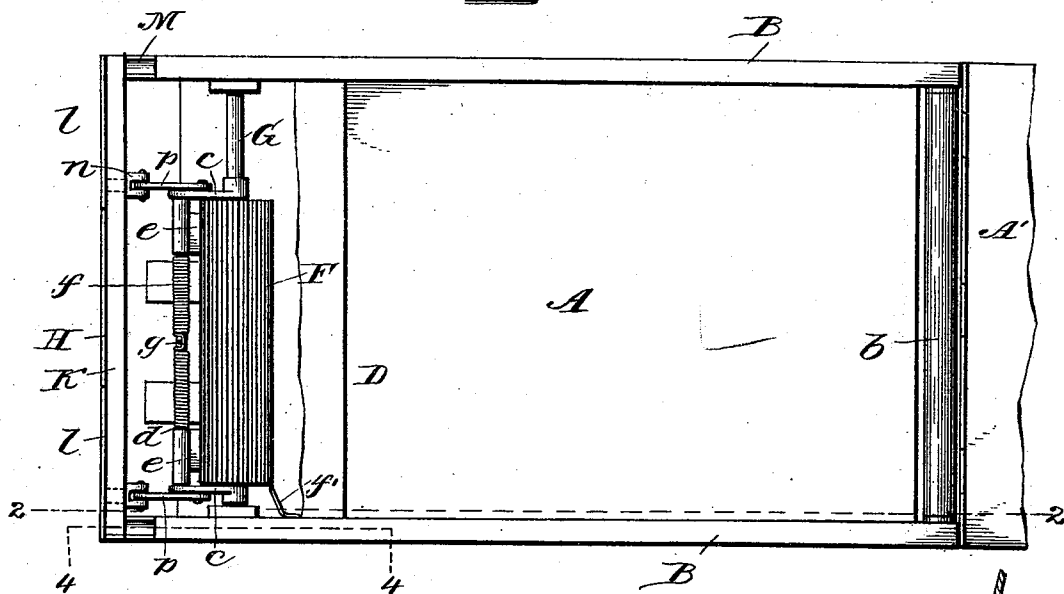


FIG. 2.

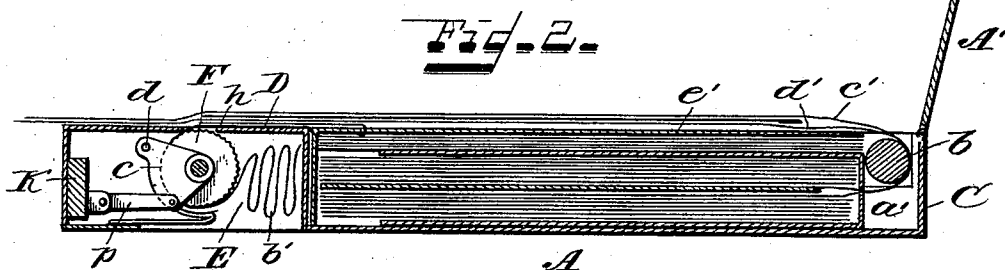
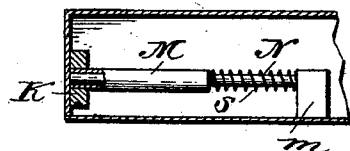


FIG. 3.



FIG. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILL M. KINNARD, OF DAYTON, OHIO, ASSIGNOR TO THE CARTER-CRUME COMPANY, OF NIAGARA FALLS, NEW YORK.

MEMORANDUM-SALES-SLIP CASE.

SPECIFICATION forming part of Letters Patent No. 514,939, dated February 20, 1894.

Application filed February 23, 1893. Serial No. 463,356. (No model.)

To all whom it may concern:

Be it known that I, WILL M. KINNARD, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Memorandum-Sales-Slip Cases, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to certain improvements in the construction and arrangement of these cases, the novel features of which will be hereinafter more particularly pointed out and claimed.

In the drawings:—Figure 1 is a top plan view of the device with the top of the case cut away, showing the feed mechanism for the record strip and the lid or cover of the case opened. Fig. 2 is a longitudinal section of same, taken on lines 2—2 of Fig. 1, with the paper packages in place. Fig. 3, is a front view of the device. Fig. 4, is a sectional side view of the front portion of the device taken on lines 4—4 of Fig. 1.

The arrangement of the package for holding the sales and record slips and the feed mechanism by which the record strip is fed from its package are such as have been fully described in my application for Letters Patent, Serial No. 460,564, filed February 1, 1893, and they form no part of my invention here.

A, represents the bottom, B, B, the sides, and C the rear end of a suitable case to hold the paper packages, to which end C is hinged the cover A' having a writing opening cut therein of suitable size. The paper strips *c'*, the original, and *d'*, the duplicate, are folded separately in zigzag folds and inclosed in a paper package so that the ends of the strips will deliver out of the slot cut in the end *a'* of the package. While the record strip *b'* is also folded in bellows folds and inclosed in a package, the top *e'* of which forms the writing tablet upon which the writings are made, the record strip being delivered out of the front end of its package and over the top portion D of the case. The original and duplicate

strips are passed around the roller *b* and back over the upper surface of the package in the usual way. The strips being drawn out to the front end of the case, the cover A' is brought down over the strips and held shut by a suitable catch. The record strip passes from its package over the top D of the case and down into the compartment E through the slot *h* and over the corrugated roller F which is mounted loosely on the shaft G. Secured to the shaft by the arms *c, c*, is a rod *d*, carrying grippers *e, e*, mounted thereon. A coiled spring *f*, the ends of which bear against each of these grippers and secured on the pin *g* on the rod, holds these grippers within the corrugations of the roller.

All the parts above described are old and shown in my former application above referred to and they form no part of my invention here, the novel features of which consist of my movable front to enable the user to readily grasp the paper to draw same from the case, and in my arrangement for actuating the feed mechanism which will now be described.

Heretofore the feed mechanism has been actuated by the movement of a guide bar, or of the lid, or by the knife bar, and one of the chief features of my invention consists in my new method of actuating the feed mechanism.

Another novel feature consists in the movable front for the case to enable the user to readily grasp the paper strips.

Heretofore a thumb opening has been left for this purpose in the front of the case, but in my improvements I dispense with this thumb opening and make either the whole or a part of the front of the case movable and secure this movable front portion H to a bar K extending across the entire front of the case just within the front wall. This movable portion H, as illustrated in the drawings forms about one third of the front and the fixed front wall *l, l*, about two-thirds thereof, but it will be evident that the entire front may be made movable and secured to the bar K. This bar K has secured at each end and extending inward at right angles thereto two

collars M, M. These collars ride upon the rods N, N, which are supported by and secured to the blocks or standards *m, m*. Pivoted to the bar K between the lugs *n, n*, thereon and to side arms *c, c*, of the gripper rod *d*, are the connecting links *p, p*, which thus connect the bar K with the gripper-rod and grippers. When the user endeavors to grasp the paper strips *c' d'* to draw them from the case, he will push in the front H and thus feed the record strip the proper distance, while springs bearing between the standards *m* and collars M will return the front H to its normal position and with it the grippers will also be returned to their normal position. The roller F will be held in its new position by the pawl *f'* which is secured to the case and engages the corrugations of the roller at one edge. It will of course be understood, that the front portion H of the case may be extended behind and on each side of the fixed portions *l, l*, of the case and that it may itself form the bar K, and also that other ways of connecting said movable front to the feed mechanism may be employed as will readily suggest themselves without departing from the spirit of my invention. A thumb opening is cut in the outer edge of the lid A', to enable the user to readily grasp the paper when he has pushed in the front H and the strips of paper are drawn out and torn off against the front of the case.

It will be understood that the novel features of my device herein described are not to be limited to the particular form of sales slip case shown, but they can be equally well used with other forms of cases and with the various forms of autographic registers in use, without departing from the spirit of my invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, feeding mechanism for the record strip, and operating means for the feed mechanism actuated by the movement of the movable piece, substantially as shown and described.

2. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, feed roller for the record strip, and operating mechanism for said feed roller actuated by the movement of said movable piece, substantially as shown and described.

3. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, feed roller with grippers acting thereon to

grasp and feed the record strip, and operating mechanism for said feed device, actuated by the movement of said movable piece, substantially as shown and described.

4. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, grippers to hold and grasp the record strip, roller co-operating therewith, and means for operating said grippers to feed the record strip, substantially as shown and described.

5. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, grippers to hold and grasp the record strip, roller co-operating therewith, and means for operating said grippers actuated by the movement of said movable piece, substantially as shown and described.

6. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips and a movable piece projected within said opening and actuated in the grasping of said slips, corrugated roller over which the record strip is passed, spring grippers engaging with the corrugations of said roller, and means for rocking said grippers to feed the record strip, substantially as shown and described.

7. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips and a movable piece projected within said opening and actuated in the grasping of said slips, corrugated roller over which the record strip is passed, spring grippers engaging with the corrugations of said roller, and means for rocking said grippers, actuated by the movement of said movable piece, substantially as shown and described.

8. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, roller over which the record strip is passed a rock bar, with spring grippers thereon to grasp and hold the record strip, on said roller and means for rocking said rock bar actuated by the movement of said movable piece, substantially as shown and described.

9. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projected within said opening and actuated in the grasping of said slips, a corrugated roller over which the record strip is passed, rock bar with spring grippers thereon to engage the corrugations of said roller, and means for rocking said rock bar, actuated by the movements of said movable piece, substantially as shown and described.

10. In a sales slip case, the combination of the case shaped to form an opening to enable the operator to grasp the paper slips, and a movable piece projecting within said opening, and actuated in the grasping of said slips, a roller over which the record slip is passed, grippers engaging therewith, and means for rocking said grippers actuated by the movement of said movable piece, substantially as shown and described.

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Witnesses:

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