

L. E. LEONARD.
HOLDING DEVICE FOR ACCOUNT FILES AND REGISTERS.
APPLICATION FILED AUG. 14, 1909.

956,113.

Patented Apr. 26, 1910.

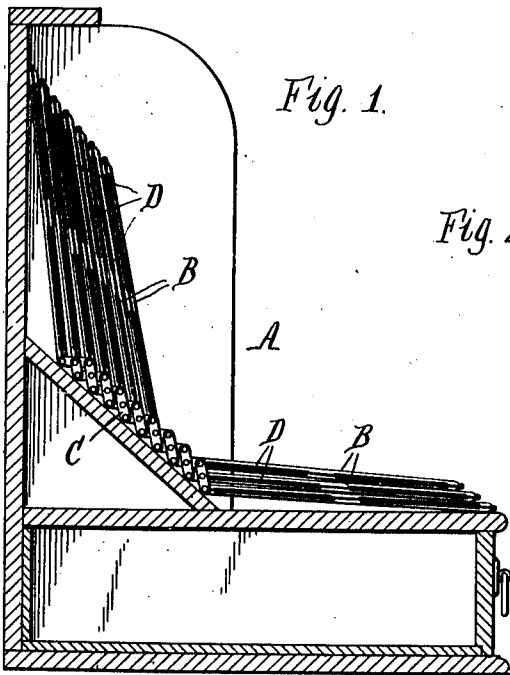


Fig. 1.

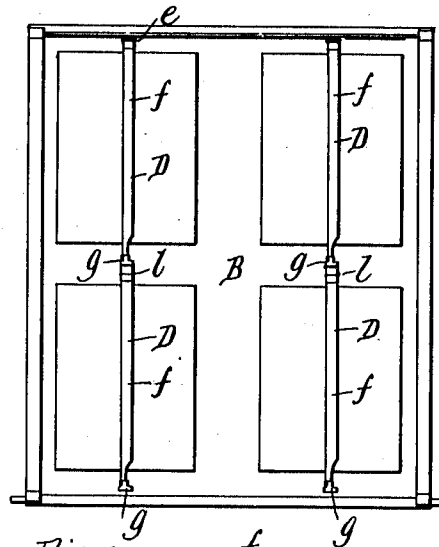


Fig. 2.

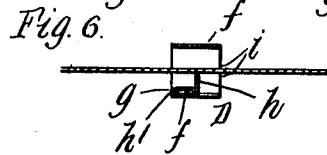


Fig. 6.

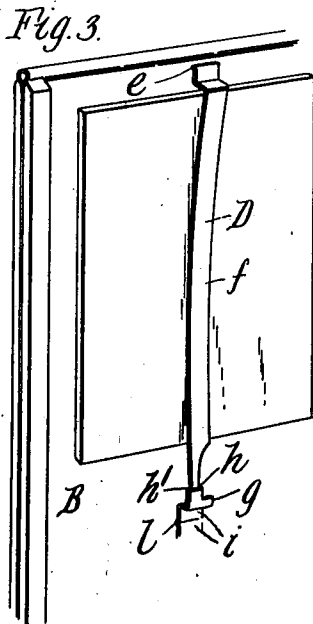


Fig. 3.

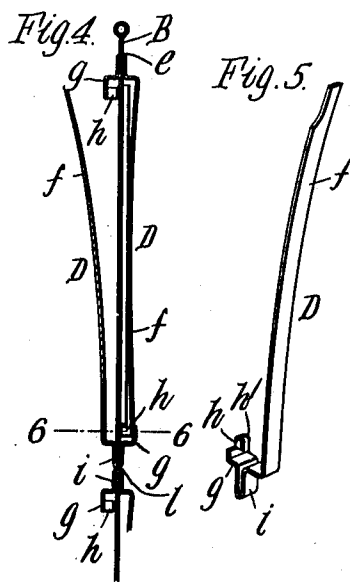


Fig. 4.

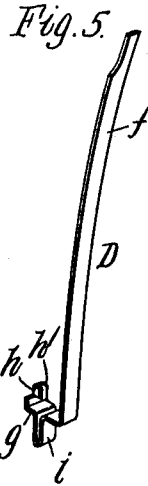


Fig. 5.

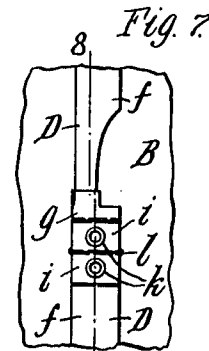


Fig. 7.

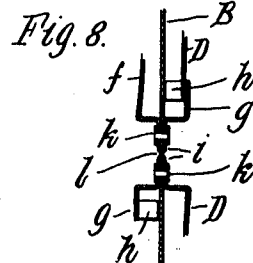


Fig. 8.

Witnesses.
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UNITED STATES PATENT OFFICE.

LEON E. LEONARD, OF BUFFALO, NEW YORK, ASSIGNOR OF FOUR-FIFTHS TO EDWARD H. HUBER, OF LOCKPORT, NEW YORK.

HOLDING DEVICE FOR ACCOUNT FILES AND REGISTERS.

956,113.

Specification of Letters Patent. Patented Apr. 26, 1910.

Application filed August 14, 1909. Serial No. 512,820.

To all whom it may concern:

Be it known that I, LEON E. LEONARD, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Holding Devices for Account Files and Registers, of which the following is a specification.

This invention relates more particularly to improvements in files or account registers for holding duplicate sales slips, accounts or other papers, in which a series of leaves or plates are hinged together, each leaf being provided with a plurality of clips for releasably retaining the sales slips in place thereon.

The invention has especial reference to the construction of the holding clips for the sales slips and the manner in which they are secured to the leaf, but is not limited to holding clips for files or account registers and may be used in various other constructions where it is desired to detachably secure cards, slips and the like to opposite sides of a leaf or page.

The object of this invention is to provide holding clips of simple, inexpensive and durable construction which can be economically formed from strips of metal and readily secured to the leaf, and when so secured, will hold the sales slips firmly in place thereon, and in which the clips are disposed opposite to each other on opposite sides of the leaf and each clip is provided with a catch for engagement with the opposite clip to retain the latter in its holding position and to assist in holding the clips in place upon the leaf.

In the accompanying drawings: Figure 1 is a sectional elevation of a file or account register, the leaves of which are provided with holding clips embodying the invention. Fig. 2 is a plan view, on an enlarged scale, of one of the leaves detached. Fig. 3 is a fragmentary perspective view of one of the leaves. Fig. 4 is a longitudinal section thereof. Fig. 5 is a perspective view of one of the holding clips detached. Fig. 6 is a transverse section thereof, on an enlarged scale, in line 6—6, Fig. 4. Fig. 7 is a fragmentary plan view of a leaf and holding clip, showing additional means for securing the clip on the leaf. Fig. 8 is a longitudinal section thereof in line 8—8, Fig. 7.

Like reference characters refer to like parts in the several figures.

A represents the cabinet or case of an account register, B the leaves which rest in the case and to which the sales slips are secured, and C the hinge devices which connect the leaves together and permit them to be turned to horizontal and upright positions in the cabinet as desired. All of these parts may be of any known or suitable construction, or the register may be of a different type and form, the present invention relating only to the means which are employed for holding the sales slips upon the leaves, and which are constructed as follows: Each leaf is provided on its opposite faces with a plurality of holding clips D which are arranged opposite to each other and preferably extend lengthwise of the leaf. These clips are formed from strips of spring metal and are all of the same shape. Each clip extends through an opening or slot *e* in the leaf in which it fits sufficiently close so as to be held from turning therein. On one side of the leaf the clip is provided with a spring holding arm *f* for the sales slips, and on the other side with an offset catch portion *g*. The holding arms of corresponding clips on opposite sides of the leaf extend in opposite directions and the free end of the holding arm of each clip is adapted to engage under the catch portion *g* of the other clip for locking the arms in their holding position and securing the clips together and in place on the leaf.

The free end of the holding arm *f* preferably has a portion thereof cut away to reduce the width of this end and the catch *g* is made of substantially the same width as this reduced end of the holding arm and has a portion thereof which extends inwardly and bears against the face of the leaf to form a stop *h* for the end of the arm *f* which prevents the arm from being shoved past the catch in locking the same. This facilitates the ease with which the arm *f* can be locked in its holding or closed position as the stop arrests the holding arm in proper position for engagement with the catch. The catch portion is also preferably provided opposite to the stop *h* with an inwardly extending lip *h'* for retaining the end of the holding arm in position under the catch. This insures a secure engagement between the end of the arm and the catch *g*. To release the

holding arm for removing the sales slips it is only necessary to press the free end of the arm toward the leaf and slide it from under the catch.

- 5 The clip D is preferably provided adjacent to the slot *e* with substantially parallel portions *i* which bear against the opposite sides of the leaf and hold the clip from movement in the slot *e*. For ordinary purposes this construction has been found sufficient, but if a more rigid connection between the clip and the leaf is desired, the construction shown in Figs. 7 and 8 may be employed in which rivets or eyelets *k* connect the parallel portions *i* of each clip and rigidly secure the clip to the leaf.

The holding arms *f* are curved or bowed inwardly between their ends so that when locked in their holding position their central portion will press against the sales slip or slips and will thus serve to hold the slips against the face of the leaf irrespective of the number thereof. The adjacent ends of the clips which are in alinement with each other on the leaf are preferably secured in the same slot, as shown at *l* in Fig. 4, thus economizing space and avoiding the necessity of cutting separate slots for each clip.

I claim as my invention:

- 30 1. In a file or the like, the combination of a leaf provided with slots, and spring clips arranged opposite to each other on opposite sides of the leaf, each clip having at one end a part which extends through one of said slots and is provided with a catch for engaging the adjacent free end of the opposite clip, substantially as set forth.
2. In a file or the like, the combination of a leaf provided with slots, and spring clips arranged opposite to each other on opposite sides of the leaf, each clip consisting of a strip of spring metal bent to provide at one end a part which extends through one of said slots and is provided with a catch for engaging the adjacent free end of the opposite clip, substantially as set forth.
3. In a file or the like, the combination of a leaf provided with slots, and spring clips arranged opposite to each other on opposite

sides of the leaf, each clip having at one end a part which extends through one of said slots and is provided with a catch for engaging the adjacent free end of the opposite clip and having substantially parallel portions which bear against opposite sides of the leaf, substantially as set forth.

4. In a file or the like, the combination of a leaf provided with slots, and spring clips arranged opposite to each other on opposite sides of the leaf, each clip having at one end a part which extends through one of said slots and is provided with a catch for engaging the adjacent free end of the opposite clip, said catch having at one side a part which extends toward the leaf and forms a stop for the end of the clip, substantially as set forth.

5. In a file or the like, the combination of a leaf provided with slots, and spring clips arranged opposite to each other on opposite sides of the leaf, each clip having at one end a part which extends through one of said slots and is provided with a catch for engaging the adjacent free end of the opposite clip, said catch having at one side a part which extends toward the leaf and forms a stop for the end of the clip and at the opposite side a retaining lip for such end, substantially as set forth.

6. In a file or the like, the combination of a leaf provided with slots, and spring clips arranged opposite to each other on opposite sides of the leaf, each clip having at one end a part which extends through one of said slots and is provided with a catch for engaging the adjacent free end of the opposite clip and having substantially parallel portions which bear against opposite sides of the leaf and a fastening device passing through said bearing portions for securing the lip to the leaf, substantially as set forth.

Witness my hand this 31st day of July, 1909.

LEON E. LEONARD.

Witnesses:

E. C. HARD,
C. B. HORNBECK.