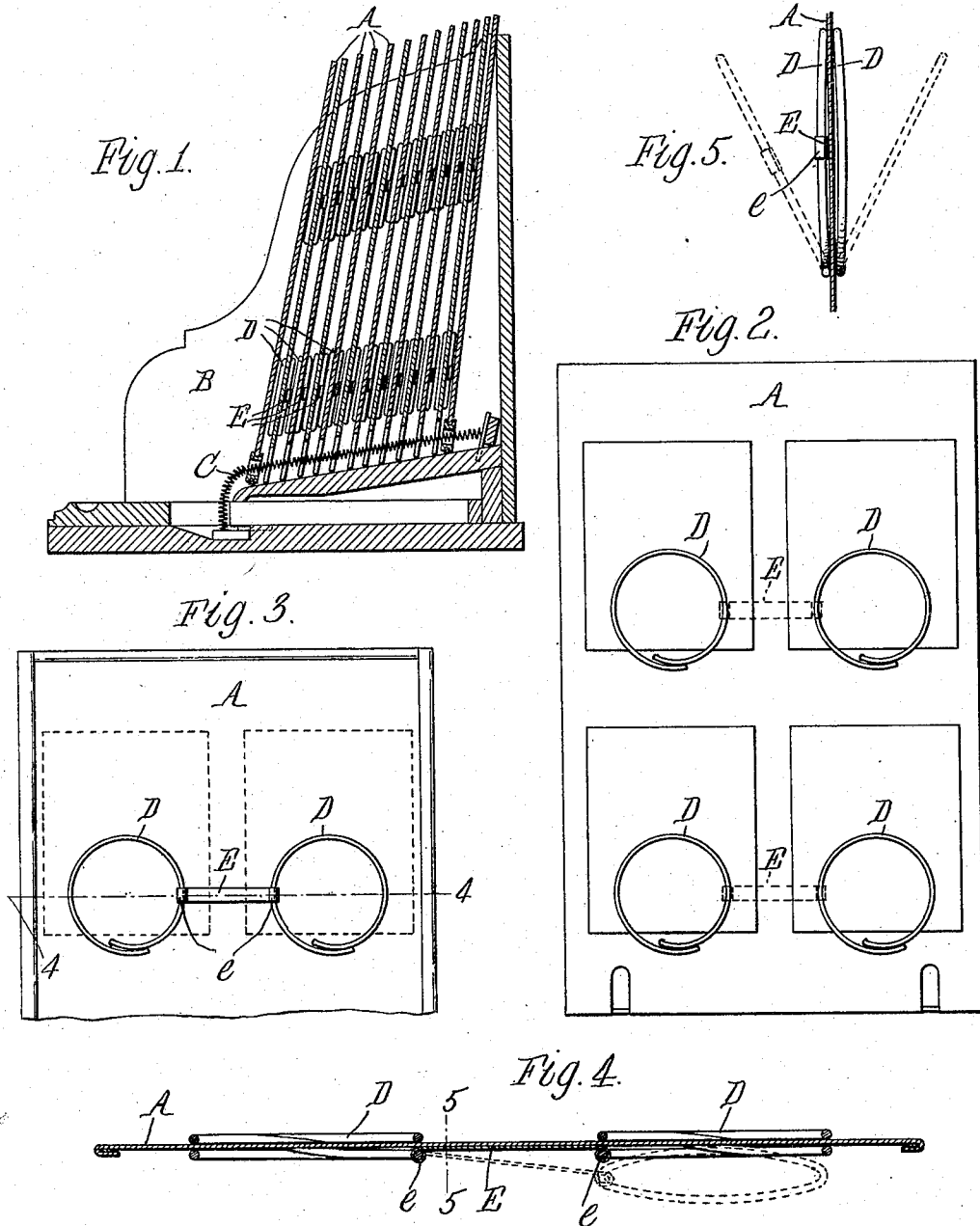


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 FILE OR HOLDER FOR SALES SLIPS, &c.
 APPLICATION FILED DEC. 7, 1907.

937,071.

Patented Oct. 19, 1909.



Witnesses:
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UNITED STATES PATENT OFFICE.

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FILE OR HOLDER FOR SALES-SLIPS, &c.

937,071.

Specification of Letters Patent.

Patented Oct. 19, 1909.

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To all whom it may concern:

Be it known that I, EDWARD H. HUBER, 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 Files or Holders for Sales-Slips, &c., of which the following is a specification.

This invention relates to files employed for holding duplicate sales slips, accounts, or other papers, in an orderly arrangement for reference purposes, and more particularly to ties for the clips of files of that sort which comprise a book or series of connected leaves equipped with spring clips for releasably retaining the slips or other papers in place thereon. One of the most desirable clips for these files is disclosed in U. S. Letters Patent No. 812,132, granted Feb. 6, 1906, to John F. Huber. The clips consist of spring coils passed through holes in the leaves so as to provide a coil on each side of the leaf between which and the leaf the papers are clamped and held by the pressure of the coils, one spring coil thus constituting in effect two clips and serving to hold papers on opposite sides of the leaf. These coil-spring clips can be easily operated for inserting and removing the sales slips or papers, and hold the papers firmly, and they are especially desirable because they can be made and applied to the leaves at small expense, and are light and thin or flat so that they add but little to the weight and bulk of the file. As, however, the clips are secured in place only by being passed through the holes in the leaves, the friction between the clips and the leaves, or the papers held by the clips, is relied upon to hold the clips from swinging or shifting in the holes, and the clips are therefore liable to be thus shifted out of the intended position when inserting papers in and withdrawing them from the clips. While this does not impair the holding action of the clips, the slips or papers held by the different clips on the same leaf are apt to shift more or less under the clips out of parallelism with each other and so detract from the orderly and attractive appearance of the file.

The object of this invention is to provide means of very simple and inexpensive construction for holding the clips from swinging or shifting out of the intended position.

To this end, adjoining clips in each row on the same leaf of the file are joined by straps or links which are secured at opposite ends to the adjacent sides of the clip coils. The links tie the clips together and in coöperation with the holes through which the clips pass, effectively hold the clips from swinging or shifting in position on the leaf.

In the accompanying drawings: Figure 1 is a sectional elevation of a file embodying the invention. Fig. 2 is a front face view, on an enlarged scale, of one of the file leaves detached. Fig. 3 is a fragmentary rear face view thereof. Fig. 4 is a horizontal section thereof, on a still larger scale, in line 4—4, Fig. 3. Fig. 5 is a fragmentary section in line 5—5, Fig. 4.

Like letters of reference refer to like parts in the several figures.

The file or holder shown in the drawings comprises a number of clip-carrying leaves or members A, which are arranged to normally stand upright in a box or cabinet B and are hinged or movably connected at their lower edges by one or more extensible springs or cords C which allow any one or more of the leaves to be turned down forwardly, and which are detachably secured in the cabinet so that the book or connected leaves can be removed from the cabinet. The file may, however, be of any suitable construction.

D represents the spring clips for holding the sales slips or other papers on the leaves. Each clip consists of coiled spring wire passing through a hole in the leaf and providing coils on opposite sides of the leaf adapted to bear on and firmly hold the sales slips or other papers inserted under the coils. Each clip will hold papers on either or both sides of the leaf, as may be desired.

E represents the straps or links for connecting and tying together the clips. The clips are arranged in rows on the leaf and one link E is arranged between adjacent clips in a row and connected to the adjacent sides of the clip coils. The links are preferably made of thin metal strips provided at their ends with loops *e* bent around the clip wires, and lie flat against or close to the face of the leaf. They are preferably arranged horizontally on the rear side of the leaf, as shown. The links hold the clips from swinging or turning on the leaves in

the holes thereof, but being located on the rear sides of the leaves, they are not seen when looking at the fronts of the leaves and do not in any wise affect the operation of the clip coils on the front sides of the leaves. They also do not prevent the clip coils on the rear sides of the leaves from being sprung away from the leaves, as indicated by broken lines in Figs. 4 and 5, for the insertion and withdrawal of the papers.

I claim as my invention:

1. The combination of a file leaf or the like, spring clips pivotally secured thereto and bearing thereon, and a tie arranged between and connecting adjacent spring clips, substantially as set forth.

2. The combination of a file leaf or the

like, spring coils pivotally secured thereto and lying flat against the leaf, and a tie connecting adjacent coils and lying flat against the leaf, substantially as set forth.

3. The combination of a file leaf or the like, coiled spring wires passing through holes in the leaf and providing coils at opposite sides of the leaf which form spring clips, and a link connected at opposite ends to portions of the adjacent coils on one side of the leaf, substantially as set forth.

Witness my hand, this 4th day of December, 1907.

EDWARD H. HUBER.

Witnesses:

EDWARD C. HARD,
C. B. HORNBECK.