

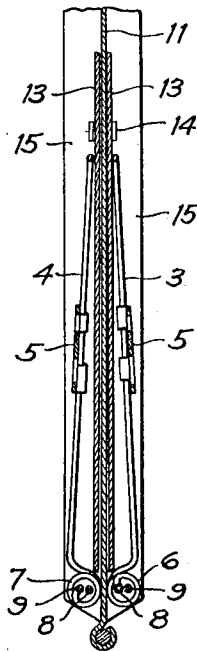
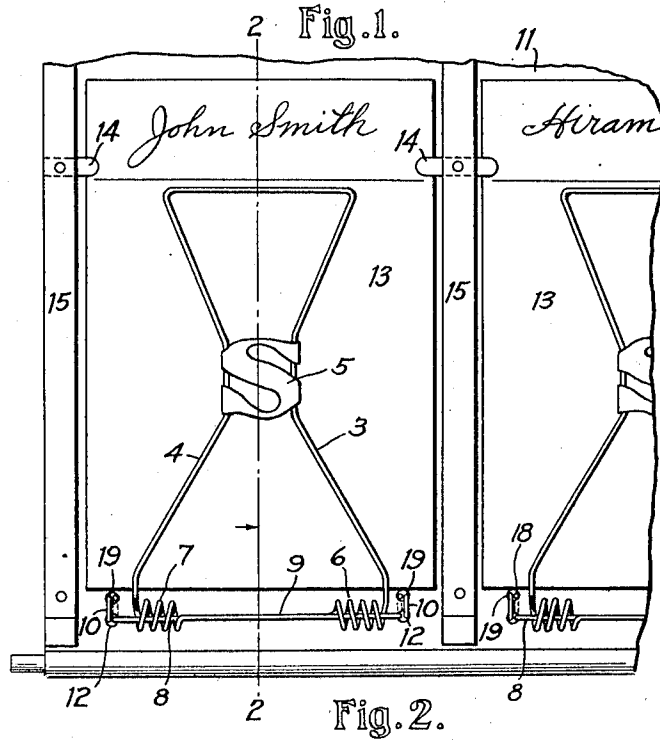
A. F. STAPLES.

BILL CLIP.

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1,031,392.

Patented July 2, 1912.



Witnesses:

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UNITED STATES PATENT OFFICE.

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BILL-CLIP.

1,031,392.

Specification of Letters Patent.

Patented July 2, 1912.

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To all whom it may concern:

Be it known that I, ALBERT F. STAPLES, a citizen of the United States, and resident of Canisteo, in the county of Steuben and State of New York, have invented certain new and useful Improvements in Bill-Clips, of which the following is a specification.

This application relates to resilient clips such as are used for holding bills, charge-slips, and the like, in connection with account-registers, or wherever it is necessary to hold one or more sheets of paper for filing purposes.

The object of the invention is to produce a clip of simple and efficient form, which may be readily constructed of a single length of wire, and which shall have capacity for a variable number of bills or slips.

The invention consists in the bill-clip hereinafter described, as it is defined in the succeeding claim.

In the accompanying drawings: Figure 1 is a front-elevation of a portion of a bill-holder frame of an account-register provided with clips embodying the present invention, and Fig. 2 is a section on the line 2—2 of Fig. 1.

In the illustrated embodiment of the invention the bill-clip is formed of a single length of wire, and comprises a loop-shaped portion, which may be of any convenient form, and of which the side-members 3 and 4 are preferably connected together near the middle by means of a sheet-metal member 5. The side-members 3 and 4 of the loop are bent inwardly at the bottom, and are formed continuously with helical resilient portions 6 and 7, respectively. From the inner extremity of each helical portion the wire extends horizontally, so as to form two straight portions 8 and 9, respectively, and these portions terminate in upwardly-directed hooks 10.

The portions 8 and 9 are arranged to extend through the helical portions 6 and 7, and they thus constitute pivotal supports for these portions. The clip is adapted to be used in connection with a bill-holder frame, or any other device having a flat sheet-metal body-portion or base-plate 11. This base-

plate is provided with lower and upper perforations 12 and 19, respectively, through which the hooked extremities 10 are inserted, and in this manner the clips are conveniently fixed to the base-plate. When used in connection with a bill-holder frame, as illustrated, the clips may be arranged in pairs on opposite sides of the frame, the hooks 10 of the corresponding clips extending through the same perforations. This arrangement, however, constitutes no part of the present invention.

When bills are to be inserted in, or removed from the clip, the loop is grasped at the top and swung away from the base-plate 11, this movement being permitted by the yielding action of the helical portions 6 and 7. At this time the straight portions 8 and 9 act as pivots for the helical members, so that the latter can rotate without being swung away from the base-plate. When released the clips spring back to the base-plate, and owing to the fact that the straight portions 8 and 9 are of considerably less diameter than the helical portions of the clips, these latter portions may be moved outwardly by the bottom of the bundle of bills as far as is necessary to accommodate the thickness of the bills at this point.

The drawings illustrate, in connection with the clip, index-cards 13 removably fixed to the base-plate by means of lugs 14. This arrangement illustrates a convenient device for identifying the contents of each clip, but is not claimed as a part of the present invention.

I am aware that a wire clip has previously been proposed, in which the loop-portion is pivotally mounted by means of helical portions embracing straight members, but I am the first, so far as I am informed, to produce a device of this kind which may be readily manufactured from a single length of wire by the use of ordinary wire-working tools, and this result I attain by the particular arrangement of the several parts of the clip which is defined in the following claim.

I claim:—

A bill-clip comprising a single length of wire bent to form a central loop-portion,

two helical portions at the ends of the loop-portion, and two straight portions continuous with the helical portions and extending, respectively, in opposite directions from
5 each helical portion through the opposite helical portion, the straight portions being adapted to be fixed at their ends, beyond the sides of the loop to a base-plate.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
