

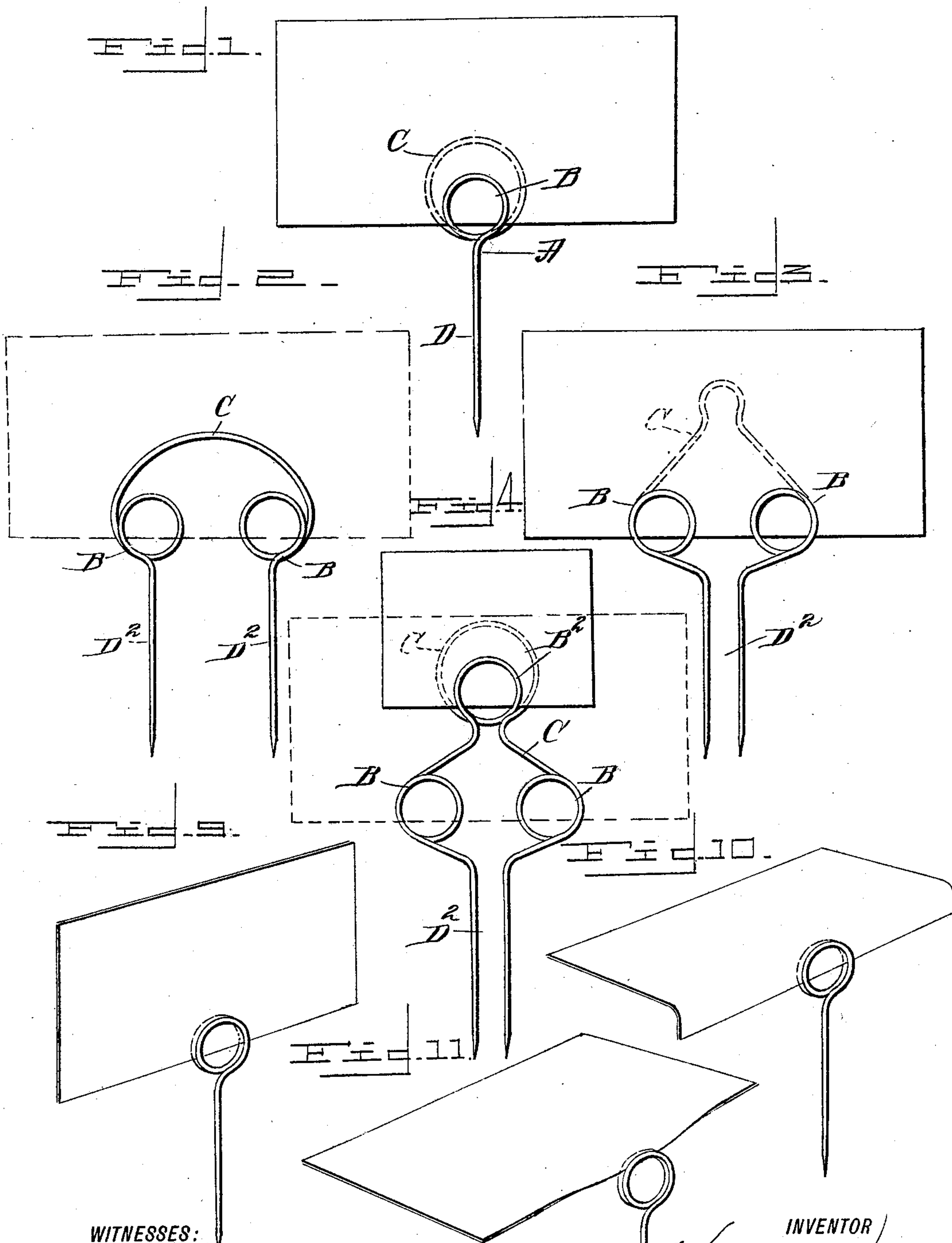
(No Model.)

2 Sheets—Sheet 1.

W. G. DUCKETT.
LABEL HOLDER.

No. 517,545.

Patented Apr. 3, 1894.



WITNESSES:

C. L. Humphrey,
James C. Harrington,

INVENTOR

Walter G. Duckett,
BY
W. H. Humphrey,
ATTORNEY.

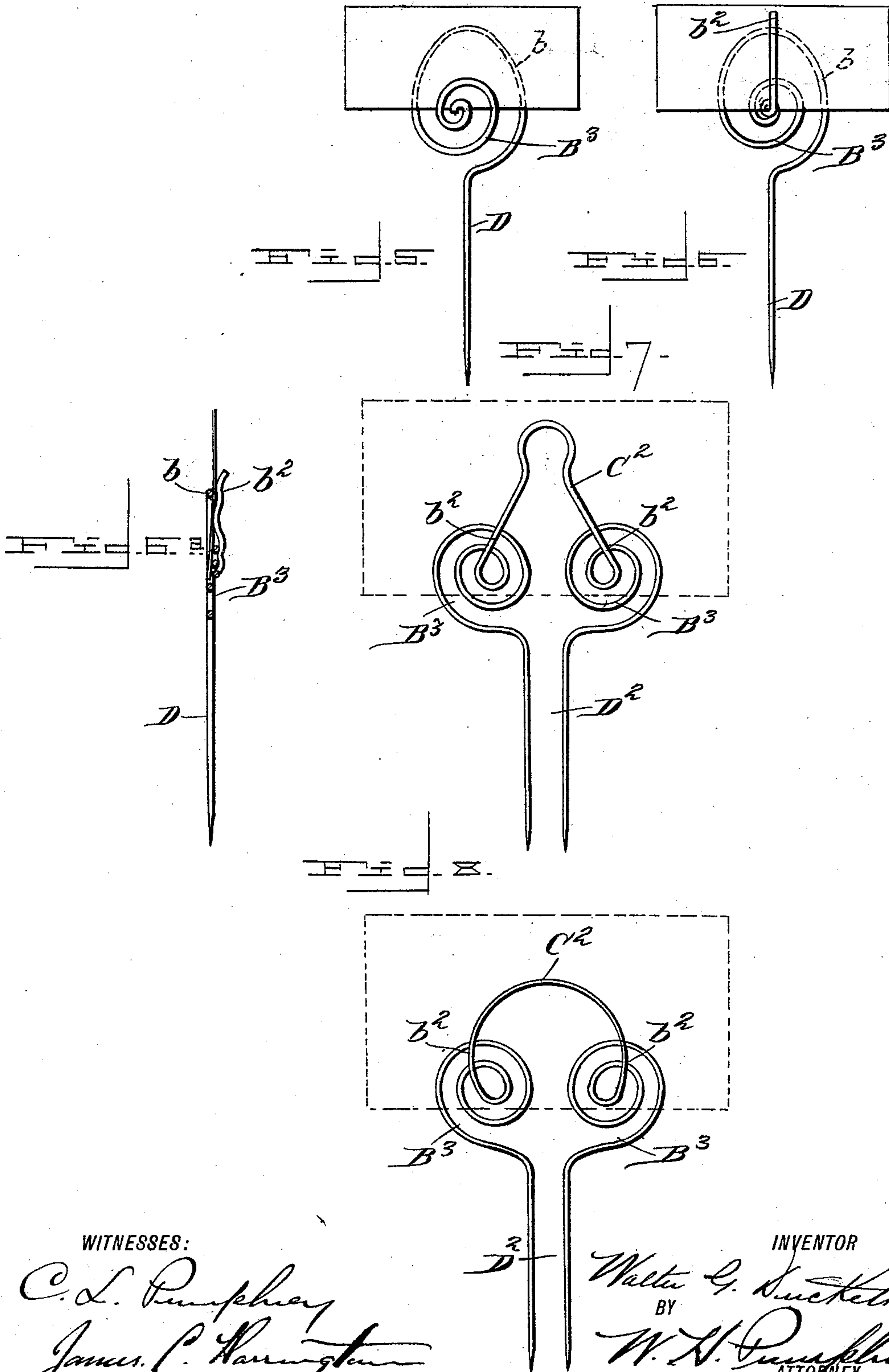
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UNITED STATES PATENT OFFICE.

WALTER G. DUCKETT, OF WASHINGTON, DISTRICT OF COLUMBIA.

LABEL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 517,545, dated April 3, 1894.

Application filed June 20, 1893. Serial No. 478,246. (No model.)

To all whom it may concern:

Be it known that I, WALTER G. DUCKETT, a citizen of the United States, residing at Washington, in the District of Columbia, have
5 invented certain new and useful Improvements in Card, Sign, or Label Racks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art
10 to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in that class of devices known as "card, sign or label racks."

15 The object of this invention is to provide a rack that shall be capable of ready attachment at conspicuous points about a sales room, or office, also to small articles of stock, such as boxes, bottles or the like.

20 A further object is to employ a novel and improved construction that shall possess advantages in point of simplicity, durability, inexpensiveness and general efficiency.

25 An important feature of the invention resides in the provision of a rear support or backing in combination with the ordinary form of card clamping coil, by which the card shall be effectually protected against bending, breaking and detachment from the rack.

30 With these and other objects in view, the invention comprises various novel details, combinations and arrangements of elements which will be hereinafter more fully set forth and specifically pointed out in the claims.

35 In describing the invention in detail, reference is had to the accompanying drawings forming part of this specification wherein like letters indicate corresponding parts in the several views, in which—

40 Figure 1:— is a view in elevation of one form of rack constructed and arranged to embody my improvements. Figs. 2 and 3 are similar views showing racks provided with duplicate card clamping coils and shanks and
45 a bridge-piece connecting the coils. Fig. 4:— is a view in elevation showing a rack provided with triple coils and double shanks. Fig. 5:— is a view in elevation of a slightly modified form of coil. Figs. 6 and 6^a:— are
50 views in elevation and section of a slightly modified form of clamping coil. Figs. 7 and 8:— are views showing the improved form of

clamping coil applied in duplicate to racks such as are shown in Figs. 2 and 3. Figs. 9, 10 and 11, are views in perspective illustrating a well known form of clamping coil in
55 connection with a card.

In the drawings —A— Fig. 1, denotes the card rack, which is preferably formed from a single length of spring wire and consists
60 essentially of the card clamping coil —B— the rear support or backing —C— and the tapered or pointed shank —D—. This backing projects above the coil, and is so relatively arranged therewith as to form a slightly
65 yielding yet practically rigid support for the card, sign or label and thus serves to brace the same against bending, breaking, &c. With racks of this class, as heretofore constructed, it has been customary in forming
70 the clamping coil to employ double circular turns of wire (see Figs. 9, 10 and 11) having the same diameter and lying normally in close engagement, the clamping action resulting from the disengagement of or forcing
75 apart these coils by the interposition of a card, sign or label. This form of coil grips but a comparatively small marginal portion of the card and with no other support, readily
80 admits of the card being bent over and broken or detached by accidental blows or the crowding together of articles of stock to which the racks are attached.

With my improved support or backing this objection is entirely obviated as will be at
85 once apparent.

Referring to Figs. 2 and 3, a rack is shown, in which duplicate coils —B—B— are employed and connected by the arched support or backing —C— with the extremities of the
90 coils bent downward and pointed to form a double shank —D²—. The capacity of these racks last mentioned may, if desired, be readily increased by adding a third coil —B²— which is formed centrally of the arched sup-
95 port or backing, as shown in Fig. 4.

In Figs. 5, 5^a, 6, and 6^a, I have illustrated an improved card clamping coil, which consists in bending a single length of spring wire into a flat spiral coil —B³— with the
100 outer or largest turn —b— thereof extended to an approximate elliptical form (see Fig. 5) and serving as a backing or support for the card, sign or label. The inner extremity of

this wire which forms the beginning of the coil, may be lengthened and bent upwardly against the coil to form a spring clamping finger — b^2 — with portions thereof indented and forced between the circular turns of the coil as is clearly shown in Fig. 6^a.

In Figs. 7 and 8, racks are shown provided with these flat spiral coils and having the spring fingers connected by an arch-shaped bridge piece C^2 which is integral therewith. The extremities of the rack wire being bent downwardly, as in Fig. 2.

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

1. A card rack, comprising multiple coils of wire, one of which is of larger diameter and forms a backing or rear support for the interposed card, and a supporting extension, as specified.

2. A card rack, comprising one or more concentric coils of wire, an eccentric coil of larger diameter and formed by a continuation of said concentric coils, and a supporting extension, as specified.

3. A card, sign or label rack, comprising one or more wire clamping coils, an integral rear support or backing projecting above and

connecting the coils, and supporting extensions formed by the terminations of the coils, as specified.

4. In a card, sign or label rack, multiple coils of wire, an approximately arch-shaped backing projecting above the coil and formed by bending up the outer extremity thereof, and the terminal shank of the arched backing, as specified.

5. In a card, sign or label rack, a flat spiral clamping coil formed from a single length of wire, the backing or support formed by the approximately arch-shaped termination of the coil and the downwardly bent extremity or shank of the backing, as specified.

6. In a card, sign or label rack, a flat spiral wire clamping coil having one extremity thereof arched and projecting above the coil proper and terminating in a downwardly extending shank and the opposite extremity bent radially and normally resting against the coil to form a spring finger, as specified.

In testimony whereof I affix my signature in presence of two witnesses.

WALTER G. DUCKETT.

Witnesses:

WM. H. WETZEL,

CORNELIA L. PUMPHREY.