

(No Model.)

G. C. & E. A. WILLIAMS.
CARD RACK.

No. 419,235.

Patented Jan. 14, 1890.

Fig. I.

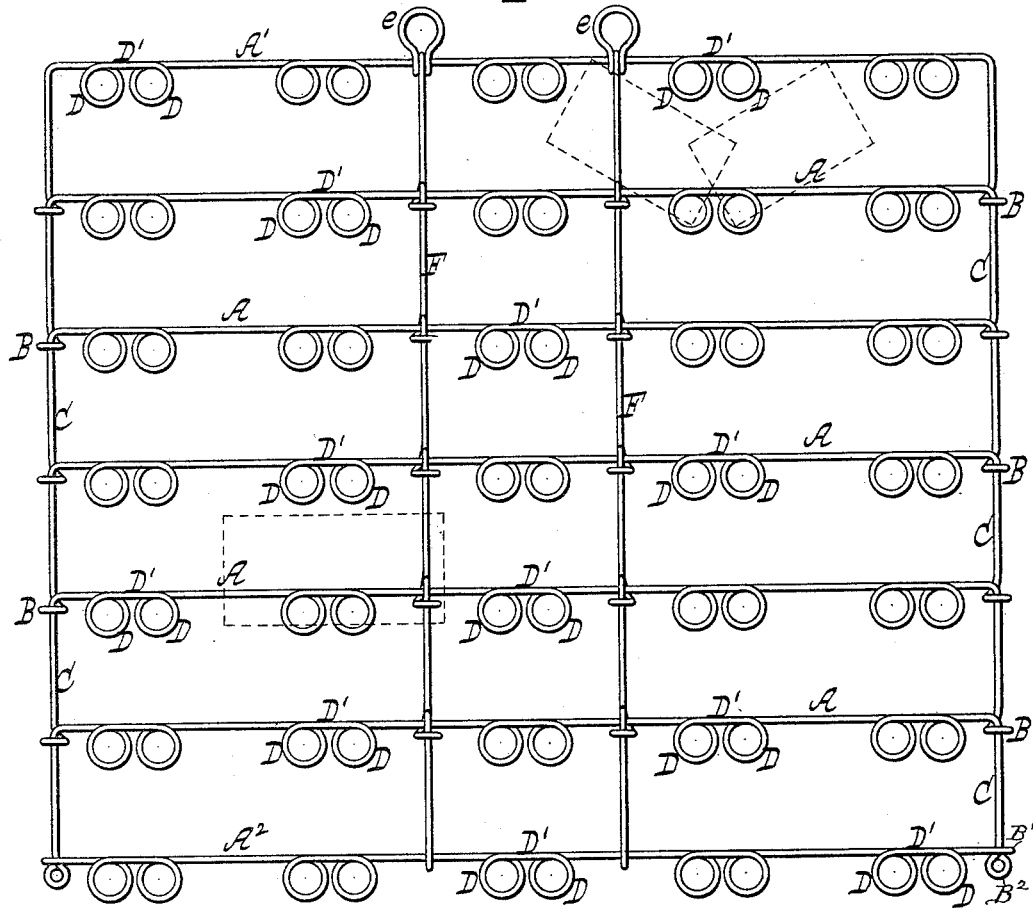


Fig. II.

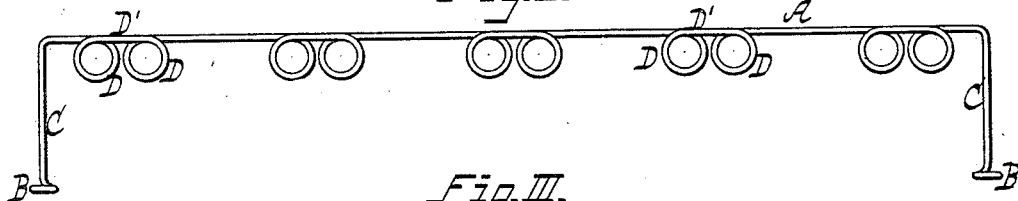
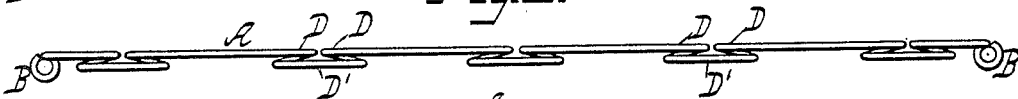


Fig. III.



WITNESSES:

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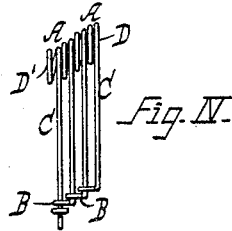


Fig. IV.

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CARD-RACK.

SPECIFICATION forming part of Letters Patent No. 419,235, dated January 14, 1890.

Application filed May 23, 1889. Serial No. 311,884. (No model.)

To all whom it may concern:

Be it known that we, GEORGE C. WILLIAMS and EDWARD A. WILLIAMS, citizens of the United States, and residents of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Card-Racks, of which the following is a specification.

Our invention relates to the construction of card-racks of wire and in sections to be folded for convenience of transportation; and it consists of a novel means for connecting the wire-rack sections and for sustaining thereon the desired card or cards, as herein after more fully described.

In the accompanying drawings, Figure I represents a front view of a card-rack embodying our invention, the rack-section being unclosed to a position for use. Fig. II represents a like view of one of the rack-sections detached. Fig. III represents a top view thereof. Fig. IV represents an end view of a portion of the rack closed and on a smaller scale than in the preceding figure.

Similar letters of reference indicate similar parts.

The letter A indicates the wire-rack sections, and any selected number of which may be used, according to the size of rack desired. Each of these sections A, except the lower one, is made in the shape of a yoke, having its top and side portions substantially at right angles with each other, and at both ends of the yoke-shaped sections each is formed integral with an eye B, usually round, which engages one of the side portions C of the section next below it, thereby connecting the sections together. Said eyes B of the rack-sections are bent so as to project laterally to the plane of the sections, each in a corresponding direction to the other, and hence when the eyes are applied to connect the sections the latter are brought successively one upon the other with the side portions C in vertical alignment, as shown. By this arrangement of the connecting-eyes B the rack-sections A are permitted to slide freely upon each other, so that the rack may be closed by that means and without turning the sections from their normal planes, as shown in Fig. 4, while in order to unclosed the rack it is only necessary to suspend the article by the top-

most section A', when the lower sections immediately fall into position by gravity, each being supported by the eyes of the section next above it catching in the angles of the sections, as shown in Fig. I. For the purpose of suspending the rack the topmost section A is provided with rings e, each to receive a nail or other like device. The lowermost section A² of the rack is left straight, as shown, in distinction from the yoke-shaped sections A above it, it being provided with end eyes B' to slide on the next upper section and to abut against end stops B² thereon when the rack is unfolded. The top portion of each of the rack-sections A is bent to form integral therewith a series of double coils D D, which lie in a vertical plane parallel to the plane of the rack-sections and usually corresponding in size and shape to each other. The intermediate portion D' of wire forming each of said double coils D D constitutes a clamping-tongue for receiving between it and the coils the card to be exhibited, and by the double coils said tongue is not only rendered highly elastic, thereby very firmly grasping the card, but is also adapted to effectively sustain two cards, one opposite to each number of the coils, as shown by dotted lines in the right-hand upper part of Fig. I.

When the rack is of considerable width, an additional support may be provided for the sections A by means of braces F, which are made in sections to fold up together with the rack-sections, and when the suspension-rings e are used they may be placed opposite to said braces on the proper rack-section.

What we claim as new, and desire to secure by Letters Patent, is—

The wire card-rack herein described, consisting of a series of yoke-shaped sections A and a straight lower section A², each of which sections is formed integral with end eyes to engage an adjacent section, thereby permitting the sections to slide upon each other, and also integral with double coils D D, having intermediate portions D', constituting clamping-tongues to receive the cards.

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Witnesses:

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