

W. W. ADLER.
CARD RACK.
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1,315,899.

Patented Sept. 9, 1919.

Fig. 1.

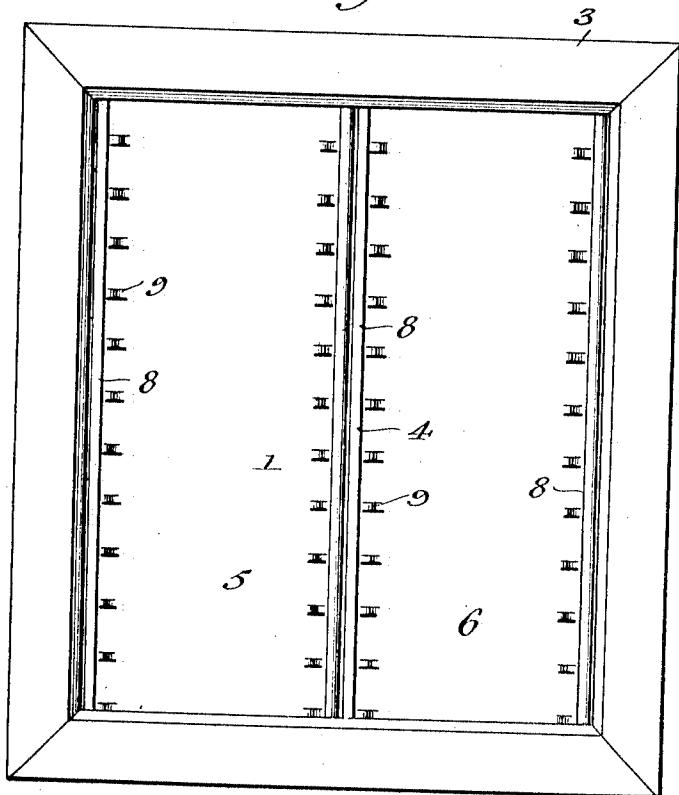


Fig. 4.

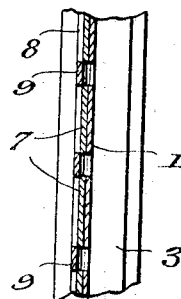
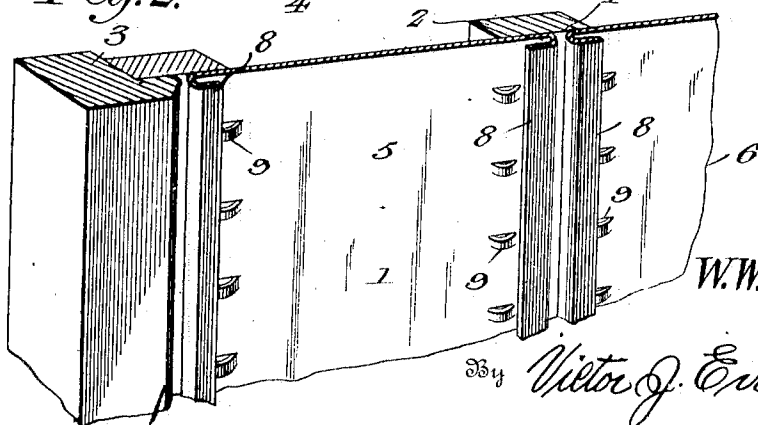


Fig. 3.



Fig. 2.



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CARD-RACK.

1,315,899.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM W. ADLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Card-Racks, of which the following is a specification.

This invention relates to improvements in card racks, comprehending the provision of a rack for receiving and holding a number of cards in such a manner as to be always available for inspection and removal, the object of the invention being to provide a rack for holding cards in which improved means are provided for firmly and securely retaining the cards in position, while permitting of the ready insertion and removal of cards as occasion requires.

A still further object of the invention is to provide a card rack which is simple of construction, inexpensive of production, and which is ornamental and of maximum efficiency in use.

The invention consists of the features of construction, combination and arrangement of parts hereinafter fully described and claimed, reference being had to the accompanying drawing in which:—

Figure 1 is a front elevation of one form of card rack embodying my invention.

Fig. 2 is a perspective view of a portion of the rack on an enlarged scale.

Fig. 3 is a cross section through the rack showing a card in position.

Fig. 4 is a detail vertical section on the line 4—4 of Fig. 3.

In carrying my invention into practice, I provide a card rack comprising a body plate 1 of sheet metal, such as sheet steel, which may be of rectangular, oblong rectangular or other suitable form, and which is preferably secured to a suitable backing 2, of wood or other material, and secured within an inclosing frame 3.

In the illustrated embodiment of the invention, the rack is shown as provided with a vertical division strip 4 arranged to divide the face of the board into two vertical spaces or divisions 5 and 6 to receive a corresponding number of rows of cards, although it is to be understood that the rack may be constructed to receive but a single row of cards, or any desired number of rows of cards, as circumstances may require.

For the purpose of holding the edges of

the cards 7 in position against transverse displacement retaining flanges 8 are provided at the sides of the spaces 5 and 6, and if desired the outer flanges 8 may be integral with the plate 1, while the inner flanges 8 may be integral with the strip 4, or these parts may be constructed and arranged in any other suitable manner, it being only essential to the purposes of the invention to have the flanges 8 arranged to overlie the plate 1 to be disposed so as to engage and overhang the edges of the inserted cards.

For the purpose of spacing the cards from each other and holding them from vertical displacement, I provide the plate 1 with projections 9, which projections are arranged in aligned transverse pairs, the projections of each pair being disposed in close proximity to the flanges 8 at the opposite sides of the division or space 5 and 6 in which said projections are arranged. The sets of projections are disposed vertical distances apart equal to the width of the card 7, which are designed to be placed between the edges of adjacent sets of projections, as shown in Figs. 1 and 3, and to be held thereby against vertical displacement, the flanges 8 serving to hold them against lateral or forward displacement. In the present instance the projections 9 are shown as consisting of bowed or U-shaped portions of metal each formed by providing the plate with a pair of parallel slits and bending forward the intervening portion of metal. These projections are arranged adjacent to the retaining flanges 8, for coöperation therewith so as to obviate any tendency of the cards to become withdrawn from under the flanges by bending of the cards at an angle to their longitudinal axis, which is prevented in an obvious manner by the projections.

As stated, the body plate 1 is formed of sheet metal and naturally embodies an inherent resiliency. By forming the projections 9 in the manner described; that is, by slitting the body 1 and bulging outwardly the portions of the metal between the slits, the projections 9 are in the nature of spring members, and are rounded so that the central portion of the said projections is farthest away from the plate 1, and the sides of the said projections are gradually curved to the said plate 1.

I claim:—

A card rack comprising a frame having

a central supporting strip, a pair of plates carried by the frame and having their inner edges supported by said strip, said plates having their side edges bent over to form
5 grooves and each of said plates having parallel slits with the metal between the slits bulged outwardly to form supports, each of

said supports being located adjacent the free edge of each of the turned over portions, said turned over portions with the pairs of 10 stops forming pockets to receive the ends of the cards.

In testimony whereof I affix my signature.
WILLIAM W. ADLER.

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