

H. R. VAN EPS.

Card Racks.

No. 138,454.

Patented April 29, 1873.

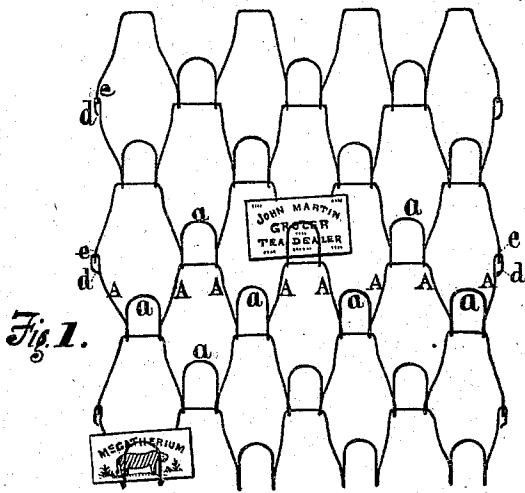


Fig. 1.



Fig. 2.

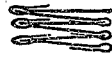
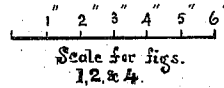


Fig. 4.



Scale for figs.
1, 2, & 4.

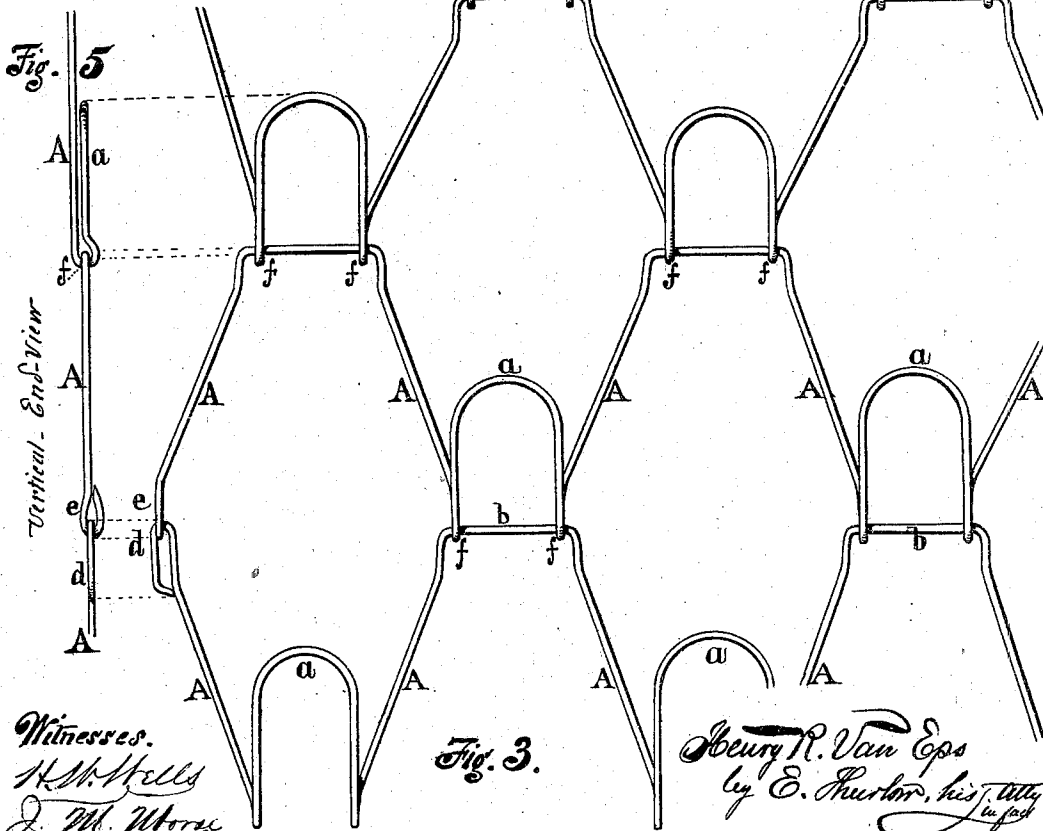


Fig. 3.

Vertical - End-view

Witnesses.
H. M. Wells
J. M. W. W. W.

Fig. 3.

Henry R. Van Eps
by E. Hurst, his atty.
in fact

UNITED STATES PATENT OFFICE.

HENRY R. VAN EPS, OF PEORIA, ILLINOIS.

IMPROVEMENT IN CARD-RACKS.

Specification forming part of Letters Patent No. **138,454**, dated April 29, 1873; application filed February 26, 1873.

To all whom it may concern:

Be it known that I, HENRY R. VAN EPS, of the city of Peoria, in the county of Peoria and State of Illinois, have invented an Improvement in Card-Racks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents an elevation on a small scale; Fig. 2, a side elevation of the same on same scale; Fig. 3, a front view or elevation of a portion of rack, full size; Fig. 4, an end view on same scale as Fig. 1, showing how it may be folded when not in use or for packing away; Fig. 5, vertical end view on full-sized scale.

This invention relates to a card-rack consisting of a net-work of wire or of metal strips, made in sections and hinged together along the sections by loops or eyes formed in the same piece, the hinges being continued vertically upward to form tongues to receive show or business cards, photographs, &c. The adjoining sections can be folded and lie together in a compact form when desirable to be put away, as will be hereinafter more fully explained and shown.

One of the forms in which I construct the rack is as follows: A A A, &c., represents a continuous wire, bent back and forth, running across the rack, and bent in a zigzag form in one plane, which corresponds with the plane or face of the rack. At each of the lower bends the point of the "bend" is turned up vertically, forming two eyes or loops, *f f*, in a horizontal line in the plane of the rack, for the reception of the bend of the next wire-section; the tongue *a* thus turned up stands vertically, as seen in Fig. 5, and receives a card, photograph, or similar thing. The eyes *f f*, &c., of each tongue *a* are about one inch apart, as are also the angles of the upper bends of the zigzag which enter the eyes or loops *f* of the adjoining wire-section. On reaching the outer edge of the rack the ad-

joining wire ends are looped together, *d e*. The whole rack is thus composed of horizontal sections formed by exactly similar bent wires interlocked or hinged together on horizontal lines along the line of the eyes *f f*, &c., formed by bending up the "tongues" *a a*, &c., and in such a manner that the latter are disposed checkerwise or with a tongue at each intersection or point of the zigzag or checker. This design may be extended to any size desired, and the whole be folded up into a small compass along the intersections or hinges of the sections.

There are other forms of constructing this card-rack—as, for instance, stamping the sections out of sheet metal and turning up the tongues, as before described; or hinging the sections together with loops or separate rings; or simply to stamp curved incisions checkerwise in the metal sheet to form the tongues for holding the cards, &c.; also, to form a reticulation of metal strips, or of wire, or flattened wire rigid or without joints, and with tongues bent up from the material or attached.

The operation of this invention is as follows, but it really needs little description: The tongues *a a*, &c., permit the insertion and secure retention of cards, photographs, memoranda for attention, &c., and when the rack is not in use it can, if necessary, be folded up, as shown in Fig. 4, and laid away.

What I claim as my invention is—

A folding card-rack consisting of a net-work of wire, or of strips of metal, made in sections A and hinged together by loops or eyes *f* formed of the same piece of wire, the hinges or loops being continued vertically upward to form the tongues *a* to receive the cards, substantially as set forth.

In testimony that I claim the foregoing improvement in card-racks, I have hereunto set my hand this 12th day of February, 1873.

HENRY R. VAN EPS.

Witnesses:

JAMES THURLOW,
HENRY W. WELLS.