O. S. HARMON.
Coin-Holder.

No. 209,888. Patented Nov. 12, 1878.

Fig. 1.

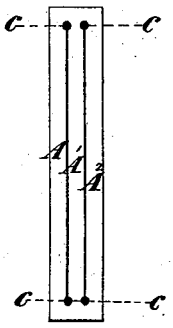


Fig. 2.

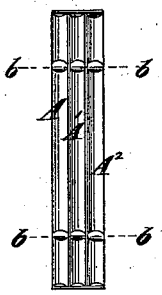


Fig. 3.

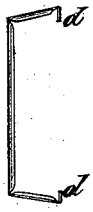


Fig. 4.

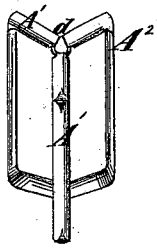


Fig. 5.

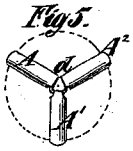
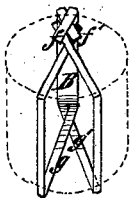


Fig. 6.



Witnesses:
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Thomas E. Bisch

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UNITED STATES PATENT OFFICE.

ORVILLE S. HARMON, OF BROOKLYN, ASSIGNOR OF ONE-HALF HIS RIGHT TO FREDERICK A. PHILLIPS, OF NEW YORK, N. Y.

IMPROVEMENT IN COIN-HOLDERS.

Specification forming part of Letters Patent No. **209,888**, dated November 12, 1878; application filed June 18, 1878.

To all whom it may concern:

Be it known that I, ORVILLE S. HARMON, of Brooklyn, in Kings county, and the State of New York, have invented certain new and useful Improvements in Coin-Holders, of which the following is a specification:

The object of my invention is to produce a holder for coin which can be very cheaply and yet strongly made, compactly packed for transportation, and conveniently manipulated to secure coins within it or release them from it.

To this end my invention consists in a blank, preferably of sheet metal, cut or provided with incisions suitable to enable it to be readily bent to form a number of arms or bars, so disposed or arranged relatively to each other as to hold a number of coins within them, and yet so connected together that one or more may be readily bent aside to admit of the insertion or extraction of a coin or coins between them.

It also consists in a blank of such character, provided with arms or bars channeled or corrugated to stiffen and strengthen them without adding materially to their cost or size.

It also consists of a blank, of either of the characters just specified, of transverse creases or notches, for facilitating the bending over of the end portions in order to produce a coin-holder.

It also consists in a blank of either of the characters herein specified, having its end portions bent over so that a coin-holder may be readily formed from it by merely spreading its arms or bars apart in the requisite manner by hand.

It also consists in a coin-holder composed of arms or bars connected by flexible hinge-like portions, and adapted to be adjusted toward and from each other at pleasure.

In the accompanying drawing, Figure 1 is a face view of a blank for a coin-holder embodying my invention. Fig. 2 is a similar view, representing a blank having its arms or bars channeled or corrugated, and portions near the ends creased to facilitate the bending of them. Fig. 3 is a side or edge view of a blank with its end portions turned over, so that it is only necessary to spread the arms or bars to complete the coin-holder. Fig. 4 is a perspective view of a completed coin-holder formed from the blank. Fig. 5 is a top view thereof; and Fig. 6 is a perspective view of a modified form of coin-holder.

Similar letters of reference designate corresponding parts in all the figures.

Referring to the blank represented by Fig. 1, *a* designates longitudinal cuts or incisions extending nearly to the ends, and separating the body or portion between the ends into three bars, A A^1 A^2. By bending the end portions of the blanks at or near the dotted line *b* transversely, and also near the junctions of the bars and the integral portion of the blank at the dotted line *c* transversely, so as to cause it to extend nearly parallel with the main portion of the bars A A^1 A^2, the integral portions are made to serve the purpose of flexible connections or hinges, upon which the bars may be spread apart at will.

Referring to the blank represented by Fig. 2, it will be observed that the bars are channeled or corrugated longitudinally, or, in other words, are bent transversely into an arc shape. This construction gives them great strength, without rendering them clumsy or costly. This blank is provided with transverse creases or notches, for facilitating the bending of the blank at the end portions of the arms or bars A A^1 A^2 transversely at that point, and preferably all blanks will at this point be provided with creases or notches for that purpose. The integral portions of the blank are bent at or near the dotted line *c*, and the bars spread apart, as with the other blank, to form the coin-holder.

It will be observed, by reference to Fig. 3, wherein the blank is represented as bent ready for the arms or bars to be spread apart, that the end portions of the arms or bars are not bent at right angles, but on a slant, so as to form an obtuse angle. The object of this is to throw out the inwardly-bent ends *d* of the integral portion so that they will be in about the same plane with the angles or corners where the bars or arms are bent, in order to afford the end or outermost coins in the holder a bearing at the center and the edges.

To complete the coin-holder, the bars or

arms A A^1 A^2 are spread apart, the integral portions bending as hinges, so that between two of them coins may be easily inserted, and afterward one or more of the bars or arms is or are adjusted, so that all will bear upon the coins suitably to secure them in the holder. Preferably they will be spread apart so as to be equidistant, as shown in Figs. 4 and 5, and this may be easily done by bending the bars A A^2 toward each other until the edges of the integral portions of the blank come into contact.

The modified form of coin-holder shown in Fig. 6 consists of a strip of metal, B, cut or split near one end for a short distance, and at the other for a long distance, forming arms or bars $f f' g g'$. It is bent transversely into an arc shape, the arms or bars $f f'$ bent one across the other; and the arms or bars $g g'$ are bent one across the other, are then bent again parallel to the main strip B, and are bent again and lapped under the arms $f f'$. Thus a coin-holder of sheet metal of one piece is made differing little, and only in details of construction, from the one hereinabove described, the main strip forming the hinge-like portion connecting the arms or bars. Its arms or bars may be bent or spread to receive or release or secure coins at pleasure.

It will be seen that by my invention I produce a very simple, durable, and efficient holder at a very slight expense.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A blank so cut or provided with incisions that it may be readily bent to form a number of connected arms or bars for holding coins between them, substantially as specified.

2. A blank cut or provided with incisions, forming connected arms or bars of a coin-holder, and provided with channeled or corrugated arms or bars, substantially as specified.

3. A blank cut or provided with incisions, forming connected arms or bars, and bent transversely at a short distance from the ends of the arms or bars, and bent at the ends of the bars inward about parallel with the main portions of the bars, substantially as and for the purpose specified.

4. A coin-holder made in one piece, composed of arms or bars connected by flexible hinge-like portions, and adapted to be adjusted for securing or releasing coins, substantially as specified.

5. A coin-holder made in one piece, composed of arms or bars connected at both ends by flexible hinge-like portions, extending about parallel with the main portions of the arms or bars, and preferably channeled or corrugated, substantially as specified.

The above specification of my said invention signed and witnessed at New York this 17th day of June, A. D. 1878.

ORVILLE S. HARMON.

Witnesses:

HENRY H. BROWNE,

F. A. PHILLIPS.