No. 875,829. PATENTED JAN. 7, 1908.

C. LA RUE.

DEVICE FOR FILING PAPERS AND CARDS.

APPLICATION FILED APR. 19, 1907.

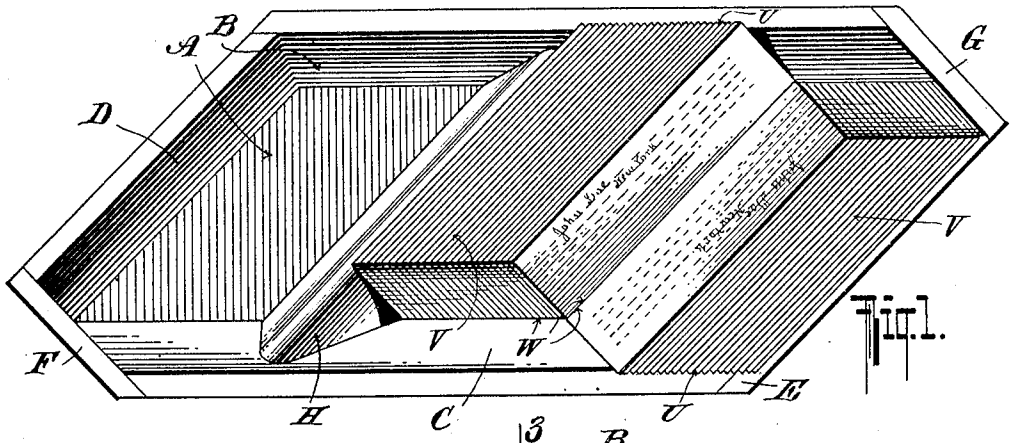


Fig. 1.

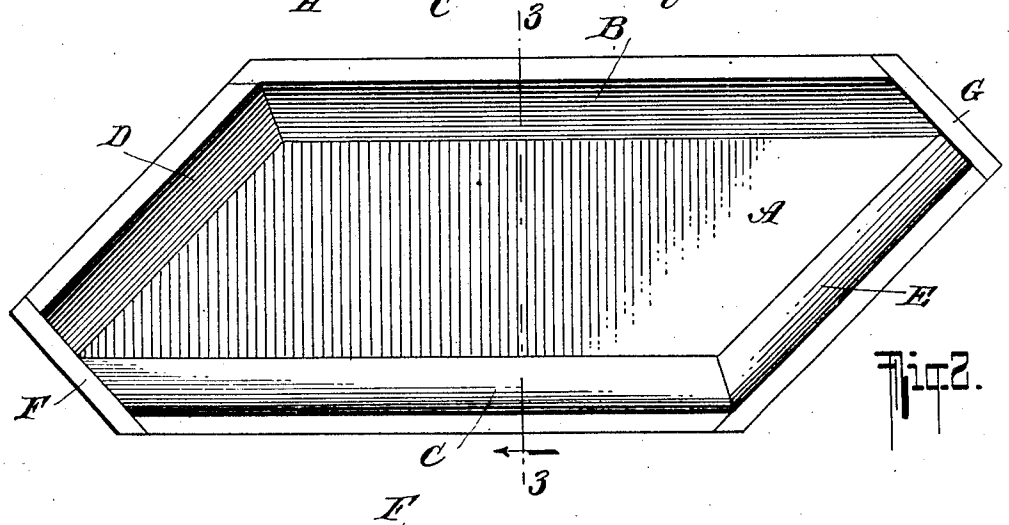


Fig. 2.

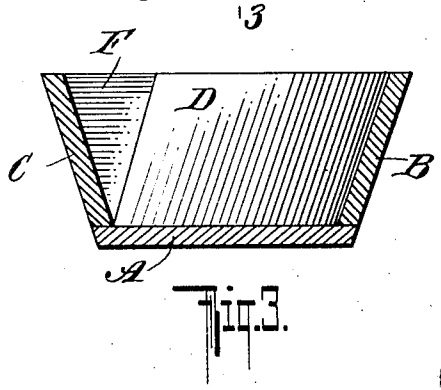


Fig. 3.

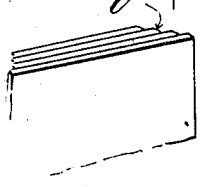


Fig. 4.

Witnesses:

Inventor

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UNITED STATES PATENT OFFICE.

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DEVICE FOR FILING PAPERS AND CARDS.

No. 875,829. Specification of Letters Patent. Patented Jan. 7, 1908.

Application filed April 19, 1907. Serial No. 369,171.

To all whom it may concern:

Be it known that I, CHARLES LA RUE, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Devices for Filing Papers and Cards, to facilitate the handling of the articles filed.

My invention relates (1) to an oblique arrangement of sides to keep the filed cards at all times in a position overlapping laterally in consecutive order, and (2) to subsidiary details further facilitating the handling of the cards filed.

The devices are designed to be used with either a right or left overlapping, in connection with any style of cards, locked or supported in any manner, by rod or otherwise, with any kind or style of follower, and applicable to any device for holding paper or cards in solid packs, with any form of casing, tray, drawer or device, of any material.

Figure 1 is a perspective from directly above, looking down into a tray for a thousand cards, partly filled with cards, some leaning obliquely back with their ends resting against a sloping side of the tray and the back card supported by a follower; the rest of the cards are tipped obliquely forward with their ends resting against a sloping side and the front card resting flat against the adjoining side. Fig. 2 is the same, except that the cards and follower have been removed, disclosing the bottom and the inner surfaces of the four flaring sides of the tray. Fig. 3 is a cross-section of Fig. 2, on the line 3—3, showing the flaring sides and an interior view of one of the triangular vertical sides which connect the sides meeting at an acute angle. Fig. 4 is an enlargement of the corners of four cards overlapping laterally in position for ready fingering.

The letters repeated in different figures always indicate as follows:

A floor; B and C, side casings with which the ends of the cards come in contact; D side next to back of cards; E side next to face of cards; F and G vertical sides, each a triangle resting on its apex; H follower; U the lateral over-lapping of cards facilitating fingering the corners; V the tops of the cards; and W the bottoms of the cards.

Fig. 2 is a perspective from directly above, looking down and into an empty tray or drawer. (A) is the floor, a parallelogram with acute angles where the sides (B) and (E) meet, and where (C) and (D) meet, and with obtuse angles where (B) and (D) meet and where (C) and (E) meet. The sides (B, C, D) and (E) do not rise vertically from the floor (A) but flare out (as (B) and (C) are shown to flare out in the cross-section Fig. 3), so that the whole thing is like a shallow dish with flaring sides; and from this view looking down into it, the inner slope of each of these four sides is visible. The sides (F) and (G) are vertical and so only their top edges appear in Fig. 2, but the shape of each is an inverted triangle like F in the cross-section Fig. 3.

Fig. 1 is identical with Fig. 2 just described, except that it shows cards (U, V, W) and a follower (H), inserted in the tray. The follower (H) is parallel with the side (D) and oblique to the side (B). The solid pack of cards (with tops V and bottoms W) leaning against the oblique follower H, and parallel with it, have their lower left corners against the lower edge of side (C) and their right ends lie flat against the side (B). The acute angle between the follower (H) and the side (C) forces the solid pack of cards which are confined between the sides (C and B) to slip laterally into a position over-lapping laterally in consecutive order and their right top corners (V) present a serrated line above the side (B). This over-lapping regular serrated arrangement of top corners is shown in enlarged form in Fig. 4 and renders card-fingering especially facile.

I claim:

1. A filing device for holding paper or cards, consisting of a floor and sides and end, so arranged that the sides and end do not rise exactly vertically from the floor, but instead flare slightly away from each other, and the lines of intersection of the sides with the floor are parallel with each other, and the line of intersection of the end with the floor, cuts at oblique angles the said lines of intersection of the floor with the sides, and the line of intersection of the end with the floor between the two sides is substantially the same length as the cards or papers to be filed, whereby cards upon and vertical to the floor between the sides are by the lower portions of such sides kept over-lapping laterally in consecutive order.

2. A filing device for holding paper or cards, consisting of a floor and sides and end, so arranged that the sides and end do not rise exactly vertically from the floor, but

instead flare slightly away from each other, and the lines of intersection of the sides with the floor are parallel with each other, and the line of intersection of the end with the floor, cuts at oblique angles the said lines of intersection of the floor with the sides, and the line of intersection of the end with the floor between the two sides is substantially the same length as the cards or papers to be filed, whereby cards upon and vertical to the floor between the sides are by the lower portions of such sides kept over-lapping laterally in consecutive order, combined with a follower placed at the same angle as the backs of the cards.

CHARLES LA RUE.

Witnesses:
THEO. H. FRIEND,
JULIUS H. LUTZ.