

S. A. FIELD.
Counterfeit Coin Detector and Coin Receiver.

No. 203,719.

Patented May 14, 1878.

Fig. 1.

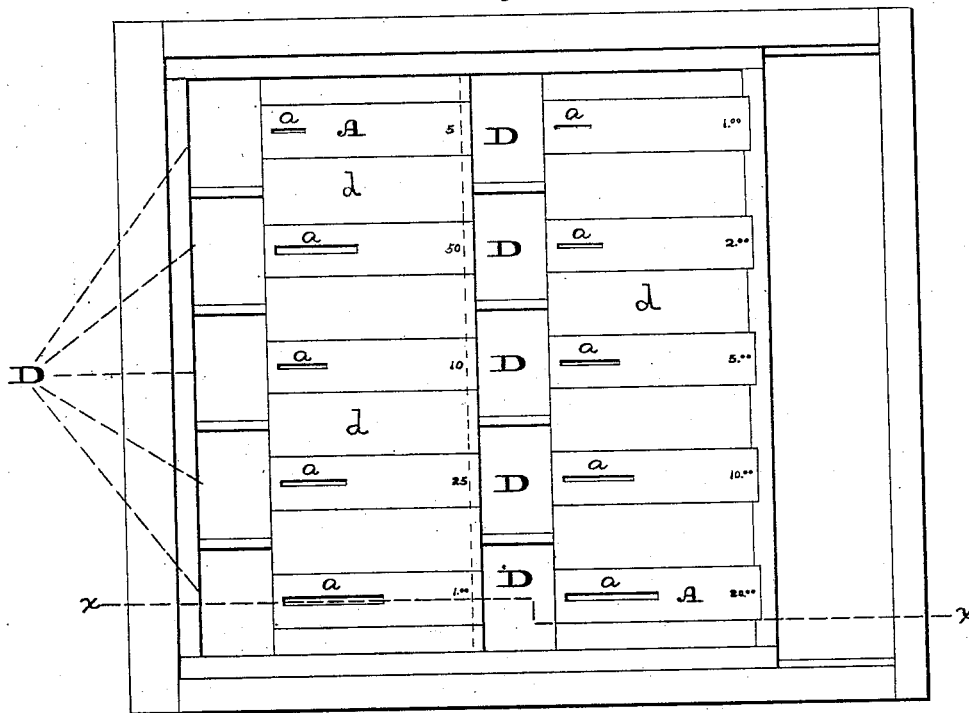
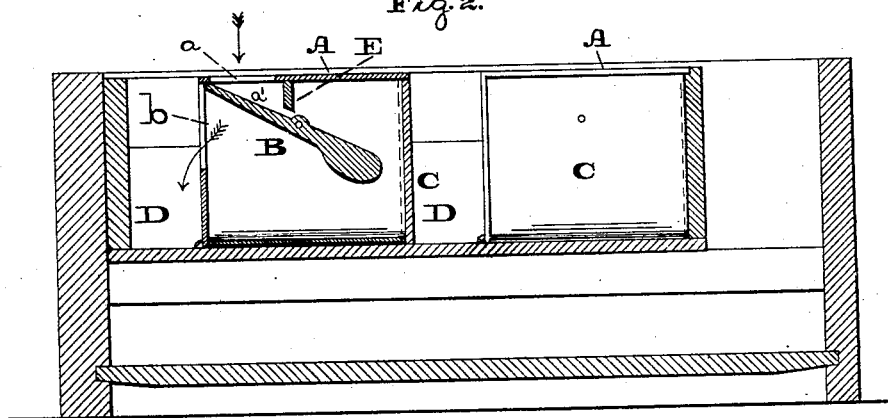


Fig. 2.



Witnesses:

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IMPROVEMENT IN COUNTERFEIT-COIN DETECTOR AND COIN-RECEIVER.

Specification forming part of Letters Patent No. 203,719, dated May 14, 1878; application filed March 1, 1878.

To all whom it may concern:

Be it known that I, SAMUEL A. FIELD, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Counterfeit-Coin Detector and Cash-Receiver, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a top or plan view of the device embodying my invention. Fig. 2 is a vertical section thereof in line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the two figures.

My invention consists of coin-detectors for various denominations, in combination with boxes, receptacles, or apartments, so arranged that each genuine coin may be deposited in its respective box, thus providing means of detecting spurious coin and collecting the genuine coin, each denomination by itself.

Referring to the drawings, A represents a series of coin weighers or detectors, which are properly supported in a drawer or on a counter, table, or elsewhere, said detectors being for various denominations, and consisting generally of weighted poises, each inclosed within its own case C, having an inlet-throat, *a*, and a discharge-throat, *b*. The genuine coin admitted to the poise through the throat *a* will depress said poise, and then roll therefrom through the throat *b*, whereby it is discharged from the case C and its genuineness indicated. The spurious coin will not materially depress the poise, and this act will expose the nature of the coin.

These features are old, and no invention exists therein.

D represents boxes, receptacles, or apartments, each being arranged in relation to the discharge-throat of one of the coin-detectors, so that as the genuine coin leaves said throat it will fall into said box. Should the detectors be placed on a table or counter, the boxes D may be beneath the same, in which case openings will be made in the top of the table

or counter for directing the coin from the detectors to the boxes.

It will be seen that spurious coin may be readily detected, and genuine coin will fall into the proper receptacles or boxes. Between the cases C there are blocks *b*, which support the detectors and enlarge the space necessary for the receiving-boxes.

As there is a detector for each coin most in circulation and a box or receptacle for each detector, it is evident that coin of each denomination will be collected by itself, thus preventing confusion in making change or counting the cash received, and presenting other advantages which will be readily appreciated by the store-keeper, clerk, cashier, or other receiver of the money.

Depending from the top plate of the case of the detector, adjacent to the inlet-throat *a*, is a bar, E, which projects toward the poise, so as to occupy a position between the axis and central portion of the outer end of the poise.

It will be seen that, when a coin is inserted in the throat *a* and dropped on the right-lined face-poise *a'*, the bar E prevents the coin rolling toward the axis of the poise, whereby, as the coin is thus directed to the proper part of the poise, the action of the latter is unfailling and reliable in indicating genuine and spurious pieces.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combined coin-detector and cash-receiver, the same consisting of a series of coin-detectors for various denominations, each inclosed in its own case, and separated by blocks *d*, in combination with the series of boxes D, arranged side by side in front of the outlet-throats of the detectors, all as set forth.

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Witnesses:

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