(No Model.)

R. W. RIESS.

COMBINED PENCIL HOLDER, ERASER HOLDER, AND COIN TESTER.

No. 549,534. Patented Nov. 12, 1895.

Fig. 1

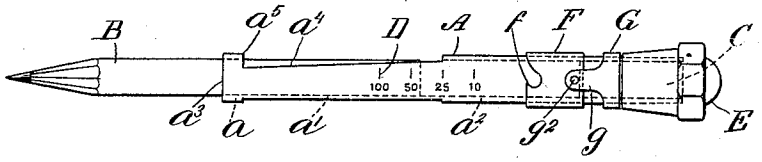


Fig. 2

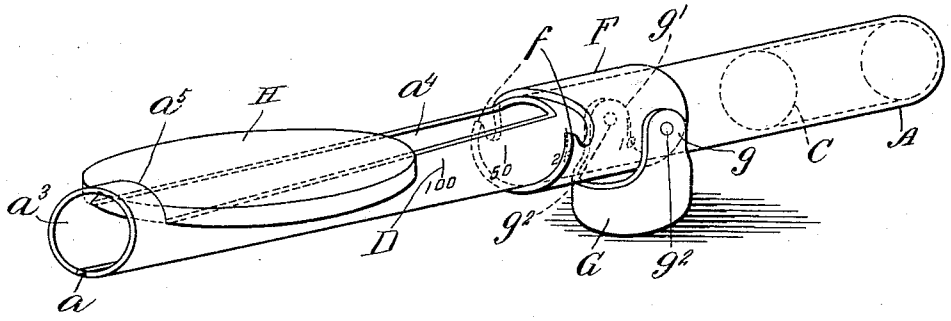


Fig. 3

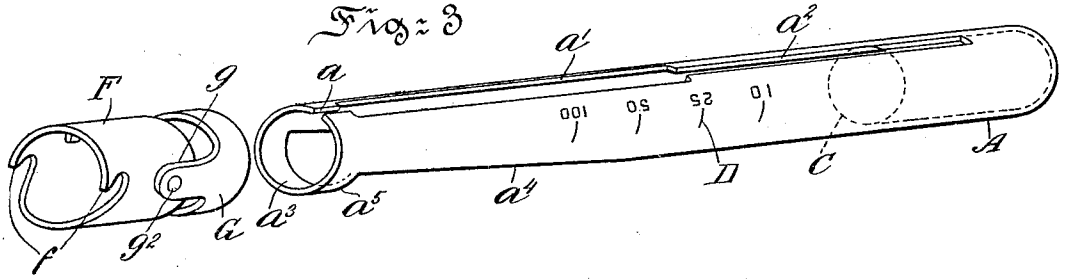
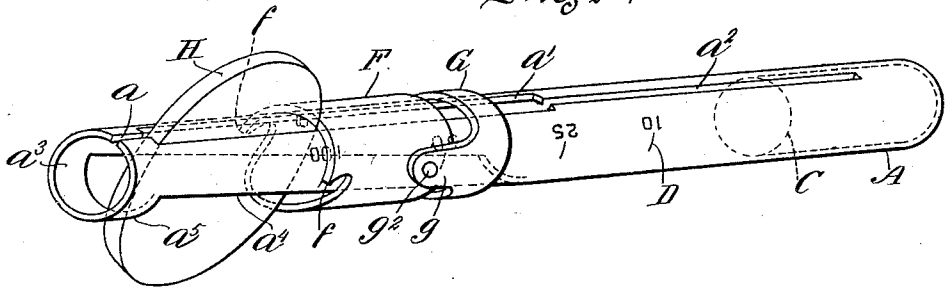


Fig. 4



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UNITED STATES PATENT OFFICE.

RUDOLPH WM. RIESS, OF PHILADELPHIA, PENNSYLVANIA.

COMBINED PENCIL-HOLDER, ERASER-HOLDER, AND COIN-TESTER.

SPECIFICATION forming part of Letters Patent No. 549,534, dated November 12, 1895.

Application filed April 3, 1895. Serial No. 544,238. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH WM. RIESS, a citizen of the United States, residing at Philadelphia, (Germantown,) in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in a Combined Holder for a Writing Implement and an Eraser and Counterfeit-Coin Detector, of which the following is a specification.

My invention has relation to a pocket device comprising a holder for a writing implement, such as a pen or pencil, an eraser, and a counterfeit-coin detector, having adjustable means for establishing a scale for weighing, so as to determine the genuineness or spurious character of coin of different denominations, and in such connection it relates more particularly to the general construction and arrangement of the parts of the device for said purposes.

The principal object of my invention is to provide a simple, durable, and efficient pocket device for holding a writing implement and an eraser, and also adapted to be readily adjusted, so as to form a scale for readily weighing coin of different denominations as well as determining the genuineness or spurious character thereof.

My invention, stated in general terms, consists of a combined holder for a writing implement and an eraser and a coin weighing and counterfeit detector constructed, arranged, and adapted for use in substantially the manner hereinafter described and claimed.

The nature and general features of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a side elevation of the holder with a writing implement mounted in one end, an eraser secured to the other end, and a notched sleeve with its pivotal trunnion mounted on the holder, but adapted to be so manipulated as to become a standard for the graduated scale or beam for the reception of coin of different denominations by shifting the trunnion and therewith the notched sleeve on said holder. Fig. 2 is a perspective view of the oblong slotted hollow holder for the writing implement as well as the eraser, both removed therefrom and with the slidable sleeve of the holder and its pivotal trunnion or standard in a position to establish a beam-scale, with a coin applied to the slotted portion for weighing the same, the shifting of the position of the standard and notched ended sleeve on the graduated holder adapted to accommodate coins of different weights and to overcome the counterweighted end of the holder, so as to accurately determine the genuineness or spurious character of the coin. Fig. 3 is a similar view of the under side of the holder, with the sleeve and its pivotal trunnion or standard removed from the holder; and Fig. 4 is a similar view of the under side of the holder, showing the guideway for the introduction of coin of different denominations for determining the genuineness of the same or the spurious character thereof, and which guideway as to the reception of coin of different denominations is controlled by said sleeve slidable on the holder, according to the graduations thereof, to permit of the coins passing therethrough.

Referring to the drawings, A is a metal or other tube or cylinder having the narrow oblong slot a on the under side merging into an oblong guideway a' and terminating in a narrow slit a^2. The guideway a' is provided for the purpose of inserting coin of different denominations, and the length of the slot is controlled by a slidable sleeve with a pointer directed to a scale on the holder, which governs the size of the slot by the movement thereof to permit of the insertion of the different coins, and thereby to readily determine whether the coin is genuine or spurious, the latter type of coin being generally more bulky or thicker than a genuine coin. Moreover, this guideway merges into the slits a and a^2, to afford the means of required expansion of the holder to permit of the insertion of a pencil or pen B into the forward end a^3 of the holder, as clearly illustrated in Fig. 1 of the drawings.

In the upper surface of the holder A is provided an enlarged slot a^4, as clearly illustrated in Figs. 1 and 2, with walls tapering to the front end and terminating in an arched projection a^5, and, as viewed transversely of the holder, forming a rest thereat for coin of

different denominations applied to the walls of the tube or cylinder for effecting the weight thereof, and thereby to determine the genuineness or spuriousness thereof, to be presently more fully explained.

The rear portion of the holder A is internally weighted by the insertion of a solid metal plug C into the tube or cylinder. The side or surface of the tube or cylinder A is provided with a graduated scale D on each side or surface to denote one dollar, fifty, twenty-five, ten cents, &c., in silver, and on the other side for gold coin of different denominations.

E is an ink or pencil eraser, of suitable shape or form, detachably applied to the weighted end of the holder A, as clearly illustrated in Fig. 1 of the drawings, and at the other or slotted and slitted end of the holder is inserted the pencil or other writing implement B, as also clearly illustrated in Fig. 1.

F is a sleeve fitting the exterior surface of the holder A and adapted to be slid thereon. This sleeve on each side is provided with a notch having a point *f*, and serving as a pointer for the graduated scale of the holder A. This sleeve is provided with a trunnion G, the arms *g* and *g'* of which, by means of rivets or pins g^2, are connected with said sleeve F and constitute the sliding standard G of the coin-weighing device. In an inoperative position the standard and its sleeve occupy the position illustrated in Fig. 1, while in operative position they respectively assume the position shown in Fig. 2, and the sleeve is adapted to be slid along the holder about the scale with the pointer *f* directed thereto and so that the holder may receive at the forward tapering portion thereof the coin H, as illustrated in Fig. 2, overbalancing the rear weighted end of the holder by the coin depressing the same, so as to assume the position illustrated in Fig. 2, at an angle to a horizontal plane to denote the genuineness thereof; but if a counterfeit, the weighing device thus established by the holder with the sleeve and its pivotal trunnion properly positioned will not overbalance the weighted end of the holder, whereby at once the spuriousness of the coin can be readily detected. By shifting the sleeve on the holder according to the scale with the pointer *f* of the sleeve in each instance directly opposite to the numeral of the graduated scale of the holder a coin corresponding to the numeral indicated on the scale can be quickly and reliably detected as to whether genuine or not.

It may be here remarked that spurious coins are usually of greater thickness than the genuine coin, in order to secure required weight, and these can be detected by introducing the same through the guideway *a'* of the slotted holder after having adjusted the sleeve of the holder according to the scale thereon to permit of a passage of the same through the said guideway.

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

1. A combined holder for a writing implement and eraser and weighing device for coins, consisting of a tube or cylinder open at one end for the reception of the writing implement, weighted at the other end and having an eraser applied thereon and a sleeve with a pivotal standard for establishing a weighing device for coin of different denominations, substantially as and for the purposes set forth.

2. A holder for a writing implement and weighing device, comprising a graduated scale tube or cylinder provided with an oblong slot for inserting coin therethrough and with a tapering surface forming a rest for the coin and a slidable sleeve on said tube or cylinder and having a pivotal trunnion forming in operative position a vertical standard for the weighing device, substantially as and for the purposes set forth.

3. A holder for a writing implement and weighing device, comprising a slotted counterweighted and graduated scale tube or cylinder with a guide-way for inserting therethrough coin, oblong slits merging into said guide-way, a removable sleeve mounted on said tube or cylinder and provided with a pivotal trunnion forming in operative position a standard for the weighing device, substantially as and for the purposes set forth.

4. A combined holder for a writing implement and weighing device, comprising a graduated or scaled cylinder open at one end and weighted at the other end and having an intermediate guide-way and a coin rest, a sleeve provided with a pointer and a movable trunnion connected with said cylinder and slidable thereon, substantially as and for the purposes set forth.

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

RUDOLPH WM. RIESS.

Witnesses:
CHARLES H. WEISS,
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