

1,370,870.

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UNITED STATES PATENT OFFICE.

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CODE-READING INSTRUMENT.

1,370,870.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, PETRO ZURAWECKI, citizen of Ukania, and resident of Perth Amboy, in the county of Sussex and State of New Jersey, have invented certain new and useful Improvements in Code-Reading Instruments, of which the following is a specification.

This invention relates to code reading instruments, and has for its main object the provision of a device by means of which correspondents may, by applying the same to a sheet of writing, communicate with each other facts which are not apparent in the writing as it appears without the application of my device.

The above and other objects will become apparent in the description below, in which characters of reference refer to like-named parts in the drawings.

Referring briefly to the drawings, Figure 1 is a plan view of my device.

Fig. 2 is a side view of the same.

Fig. 3 is an end view of the same.

Fig. 4 is a plan view of a modified form of my device, showing its application.

Fig. 5 is a side view of said modified form.

Referring now in detail to the drawings, the numeral 1 represents the upper flat plate of my device, the lower flat plate being indicated at 2. The former is provided with side members having slots 3 within which the latter is slidable. On one side of the plate 1 is a neck 4 having pivotally mounted therein a finger screw 5 provided with pinion teeth 6. The adjacent side of the plate 2 is provided with rack teeth engaging said pinion teeth. Thus it is apparent that by manipulation of said screw 5 the plate 2 will be moved slidably with relation to the plate 1.

One side of the plate 1 is provided with an extension 8^a bent in the form of a U to provide a slot for the slidable motion therein of a lug 8. To the latter is pivotally attached a rod 9 having a cup 10 at its end, the said cup having a magnifying lens 11 therein.

The plate 1 is provided with a plurality of square perforations 12, and the plate 2 with a plurality of perforations 12^a, all arranged as desired.

Referring now to the modified form shown in Figs. 4 and 5, the device comprises a pair

of hingedly attached plates 15 and 17 joined by hinges 18 and having a plurality of square perforations 16 therein. The device is here shown applied to writing. It is apparent that the writing on the sheet, without the application of my device, reads thus: "I too cannot try my hat and gloves in here." With my device applied, however, the communication will read: "I can try here," the latter being of a totally different sense than the former. Thus it is apparent that secret communications may be safely transmitted between persons having use of my device, the communications without the device conveying nothing of the secret communication.

Referring again to the first form of my device, the same may be applied to the letter and the screw 5 operated to allow as large an opening as desired between the edges of adjacent perforations 12 and 12^a. Thus my device may be used to communicate secret correspondence in script of various sizes, or, when applied to the paper containing the correspondence in a position displaced 90 degrees from that shown in Fig. 1, the spaces 12^a may be regulated to the proper width to cut out more or less of the words or letters on the paper, as may be pre-arranged. This adds even greater security to the secret message, as one having the device may not, unless informed, move the respective plates a sufficient relative distance to convey the sense that the writer has placed in the code message. By means of the lens 11, which, as is obvious, may be moved to any desired position over the plates, small writing may be magnified to become legible.

I claim:

A device of the class described comprising a pair of plates mounted with their faces mutually adjacent, side members having slots for the slidable motion therein of one of said plates, a pinion mounted in one of said plates, the other of said plates being provided with a rack in mesh with said pinion, one of said members being extended and formed to provide an additional slot, a lug slidable in said additional slot, a rod pivotally attached to said lug, and a magnifying lens secured to said rod.

Signed at Perth Amboy in the county of Sussex and State of New Jersey.

PETRO ZURAWECKI.