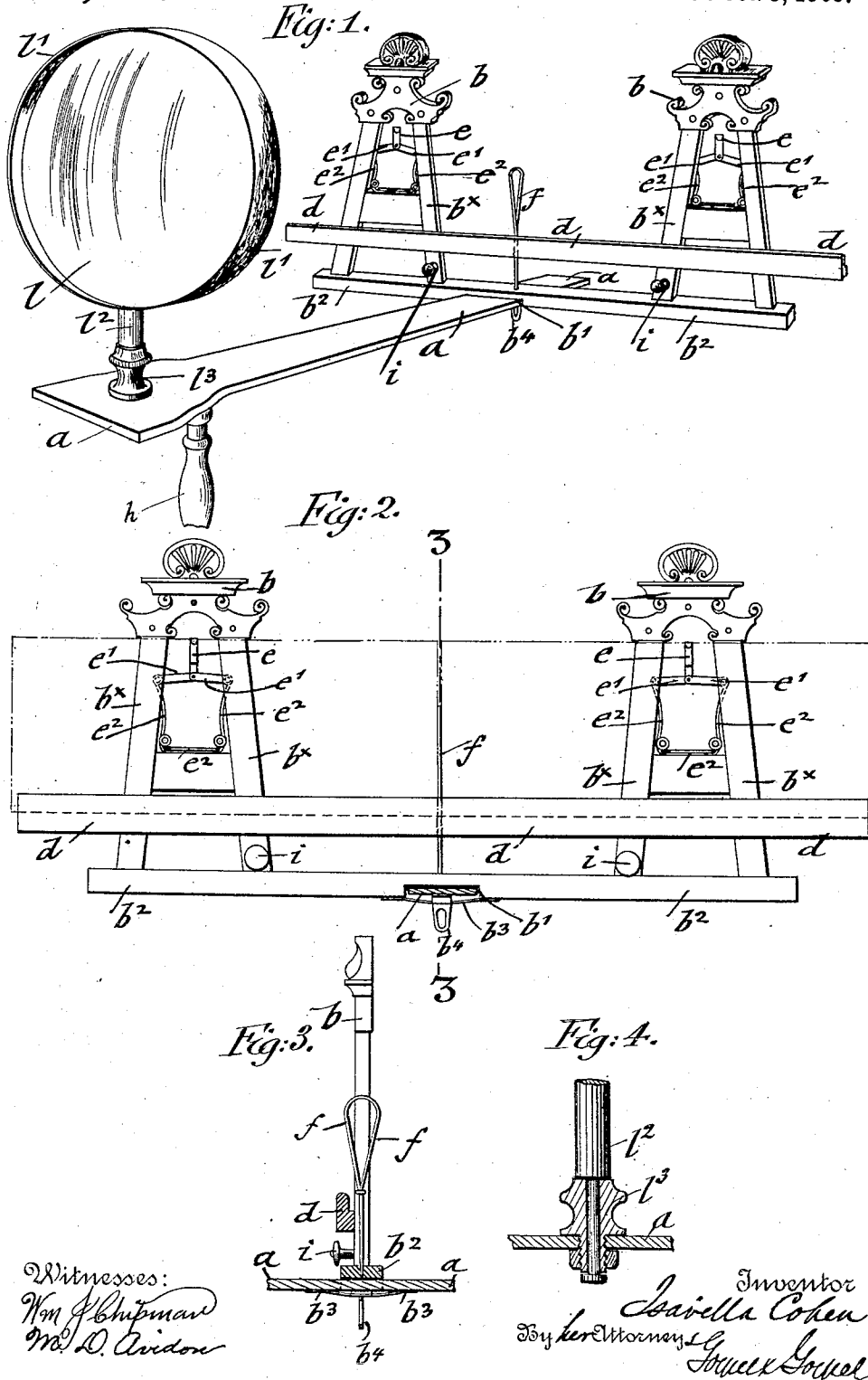


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BANK NOTE TESTER.
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935,963.

Patented Oct. 5, 1909.



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UNITED STATES PATENT OFFICE.

ISABELLA COHEN, OF NEW YORK, N. Y.

BANK-NOTE TESTER.

935,963.

Specification of Letters Patent.

Patented Oct. 5, 1909.

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To all whom it may concern:

Be it known that I, ISABELLA COHEN, a citizen of the Empire of Austria-Hungary, residing in New York, in the borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Bank-Note Testers, of which the following is a specification.

This invention relates to an improved tester or apparatus for testing the genuineness of bank-notes, said apparatus being intended to be used by banks and other institutions for quickly distinguishing a forged or spurious bank-note from a genuine one; and for this purpose the invention consists of a bank-note tester which comprises a supporting-bar provided with a handle, a magnifying-lens, swiveled to the front-end of said bar, a movable stand adapted to slide on the supporting-bar, and means on said stand for holding the genuine and the spurious bank-notes side by side so as to compare them by looking through the magnifying-lens.

The invention consists further of certain details of construction which will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings; Figure 1 represents a perspective view of my improved bank-note tester, Fig. 2 is a front-elevation of the supporting-stand for supporting a genuine and a spurious bank-note side-by-side, said figure being drawn on a larger scale, Fig. 3 is a vertical transverse section on line 3, 3, Fig. 2, and Fig. 4 is a detail vertical section of the swivel-connection of the magnifying-lens with the supporting-bar of the device.

Similar letters of reference indicate corresponding parts throughout the several figures.

Referring to the drawings, *a* represents the supporting-bar of the improved bank-note tester, which bar is provided with a handle *h* at the under-side. To the front-end of the supporting-bar *a* is applied a magnifying-lens *l*, which is surrounded by a ring-shaped frame *l'* and swiveled by a post *l''* on said frame to a socket *l'''* attached to the supporting-bar *a*. The swivel-connection of the magnifying-lens *l* with the supporting-bar *a* permits the lens to be turned on the axis of its post, as required, in looking at special portions of the bank-notes to be examined.

On the rear-portion of the supporting-bar

a is guided a transverse frame or stand *b* on which a genuine and spurious bank-note can be placed side-by-side, said stand being guided by a recess *b'* of its base-rail *b''* on the supporting-bar *a* and held thereon by a spring-actuated friction-device *b'''*, having a handle *b''''*, as shown in Fig. 3. The supporting-frame or stand *b* is formed of two parts *b** which are connected by the base-rail *b''*, and a grooved rail *d* on which the bank-notes can be supported side-by-side, the genuine one preferably on the left-hand and the spurious one on the right-hand side, or vice versa. Each part *b** is provided with a button or knob *i* at its lower end for moving the stand *b* conveniently forward or backward on the rail *a*. The lower edges of the bank-notes rest in the groove of the transverse rail *d*, and against the two stands and are held at the upper edges by hooks *e*, said hooks being connected by means of two pivot-links *e'* with the upper ends of spring-actuated arms *e''* which are bent into spring-coils at the lower part and attached to a cross-bar of the stand. The hooks *e* yield by their spring-connection with the stand sufficiently to engage the upper edges of the bank-notes, as indicated in dotted lines in Fig. 2. Midway between the stands is arranged a separating device *f*, which is made in the shape of a wire loop having a pointed end, which latter is inserted into a hole at the center of the base-rail. The separating device serves as an abutment for the ends of the bank-notes but keeps them separated from each other at their meeting edges.

For examining a spurious bank-note it is placed in position on one stand, with its lower edge inserted into the grooved rail of the same and the inner edge placed against the separating device *f*. The upper edge is then placed in engagement with the yielding hook *e*. The genuine bank-note is then placed side-by-side with the spurious one on the second stand and held thereon by the yielding hook, in the same manner as the spurious bank-note. The bank-notes are then compared by means of the magnifying-lens, which is turned on its swivel-connection with the supporting-bar in the direction of one bank-note and then in the direction of the other, so that the differences in the bank-notes can be readily detected and the spurious or forged bank-notes readily detected.

The device forms a convenient means for

detecting forged bank-notes to be used by banks, moneyed institutions, and wholesale business-concerns in which a large number of bank-notes are handled.

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

1. In a bank-note tester, a bank-note supporting frame comprising a base-rail, two
10 separate upright stands on the same, a grooved rail connecting said stands for supporting the lower edges of the bank-notes, and yielding hooks for engaging over the upper edges of the bank-notes.

15 2. In a bank-note tester, a bank-note supporting frame comprising a base-rail, two separate upright stands on the same, a grooved rail connecting said stands for supporting the lower edges of the bank-notes,
20 yielding hooks for engaging over the upper

edges of the bank-notes, and a separating device located midway between the stands.

3. In a bank-note tester, a bank-note supporting frame comprising a base-rail, two separate upright stands on the same, a
25 grooved rail connecting said stands and spaced above said base-rail spring pressed arms secured to the stands, links connecting the free ends of the arms, hooks secured to the links for engaging over the upper edge
30 of a bank-note, and a separating device located on the base-rail and extending above the grooved rail midway between the stands.

In testimony, that I claim the foregoing as my invention, I have signed my name in
35 presence of two subscribing witnesses.

ISABELLA COHEN.

Witnesses:

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HENRY J. SUHRBIER.