

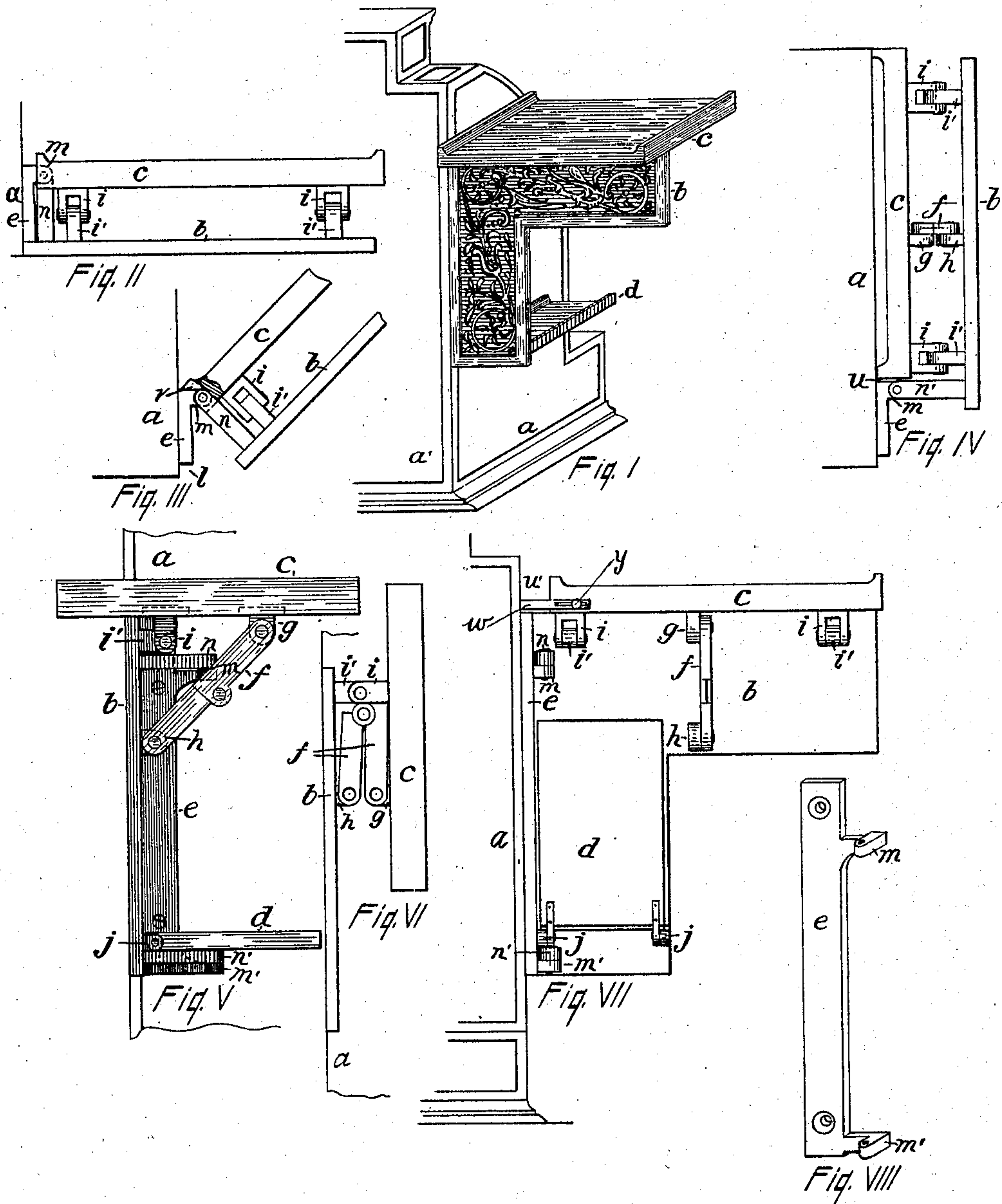
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S. WESSELLS.
SHELF FOR CASH REGISTERS.

(Application filed May 11, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

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SHELF FOR CASH-REGISTERS.

SPECIFICATION forming part of Letters Patent No. 693,473, dated February 18, 1902.

Application filed May 11, 1901. Serial No. 59,731. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL WESSELLS, a citizen of the United States, and a resident of Peekskill, in the county of Westchester and State of New York, have invented a certain new and useful Shelf for Cash-Registers, of which the following is a specification.

This invention relates to cash-registers, and has for its object the provision of a shelf on the register for convenience in passing change between the cashier and customer and for other conveniences of the cashier. The objects are attained by the means set forth in this specification and the accompanying drawings.

Reference will first be made to the drawings, in which like letters refer to similar parts throughout the several views.

Figure I represents an end of a cash-register with the shelf attached thereto. Fig. II is a top view of the shelf-bracket with the shelf dropped for folding. Fig. III shows the shelf and bracket in the act of closing against the side of the register. Fig. IV represents the shelf and bracket folded against the end of the register. Fig. V is an end view showing all the details of the shelves and brackets. Fig. VI is an end view of the shelf dropped to a vertical position. Fig. VII is a back view of the shelf. Fig. VIII is a view of the hinge-plate that supports the shelf-bracket.

In the construction of the shelf I first provide a bracket *b*. (Shown wholly or in part in all the figures except the last.) The face of the bracket may be ornamented and otherwise finished in harmony with the register to which it is to be attached, so it will appear as a part of the register. This bracket is hinged to a hinge-plate *e*, Fig. VIII, which is secured to the side of the register by screws or rivets, as shown in Fig. V. It is preferably set back from the edge of the register, as at *l*, Fig. III, so that the end of the bracket *b* may form a flush joint with the face of the register, as in Figs. I and II. The bracket is provided with extended hinge-lugs *n n'*, Figs. II, III, IV, and V, that engage with hinge-lugs *m m'*, Figs. II, III, IV, V, and VIII, and these lugs stand in such relation to each other that when the bracket is swung toward the end *a* of the register it will stand some distance

from the register when parallel with said end, as in Fig. IV. Other hinge-lugs *i' i'*, Figs. II, IV, V, VI, and VII, are added to the bracket, that engage with hinge-lugs *i i*, that are fast to the shelf *c*, as shown in all the figures except Figs. I and VIII. These lugs are so related that when united as hinges the shelf when elevated to a horizontal plane will appear as in Fig. V, and when dropped for folding will appear as in Figs. IV and VI. To maintain the shelf in its elevated position, a rule-hinged bracket *f* is provided, which is shown as supporting the shelf in Figs. V and VII and as folded, when the shelf is dropped, in Figs. IV and VI.

As shown in Figs. I and V, the shelf is adapted to project beyond the face of the bracket and so beyond the front of the register to afford room for one to hold one hand under it while sweeping change into it with the other hand.

As thus far described the shelf operates as follows: The bracket *b* is hinged to the end of the cash-register and the shelf is hinged to the bracket. When in use the bracket and shelf occupy the positions shown in Figs. I, V, and VII. To fold the shelf to have it out of the way for convenience of transportation, the brace *f* is pushed inward, which causes the shelf to drop to the position shown in Fig. VI. The bracket may now be swung toward the register, and its hinges cause it to assume the position shown in Fig. IV, the top of the shelf being against the register and the bracket outside and parallel with the shelf. To have the shelf fold, as in Fig. IV, with the inner end of the shelf free from the hinges *m' n' m' n'*, as at *u*, the shelf must stand away from the register when in position for use, as at *u'*, Fig. VII. If the end of the shelf approaches close to the side of the register, it will require cutting away for the hinges, as at *v*, Fig. III. When thus standing away from the register, the shelf and bracket would be unstable without something to prevent its being moved back and forth within the limits of the said space *u'*. I therefore apply a simple stop *w* to be adjusted against the register and held by a thumb-screw *x*, as shown.

The bracket and shelf make a complete

construction; but the lower extension of the bracket *b* offers room and opportunity for the addition of another shelf that may be used for the cashier's convenience. Lugs *j*, Figs.

5 V and VII, are added to the bracket and a shelf *d* is hinged thereto. This shelf may be turned up, as in Fig. VII, when not needed, and when in use is supported to a horizontal position by the hinge *n'*. This shelf when
10 folded, as in Fig. VII, will not interfere with folding the shelf *c* and bracket *b*.

The hinge-plate (shown in Fig. VIII) is only intended for use in applying this shelf and bracket to cash-registers already made.

15 In applying them to new registers the hinge-lugs *m m'* may be made integral with the register-plates. It may be a matter of choice or convenience whether the shelf be placed on the right or left hand side of the register. The
20 hinge-pintles being fast in the hinge-lugs *n n'* on the bracket *b* and free to lift out of the lugs *m m'*, the bracket, with its shelf and attachments, may be easily removed from the register.

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

1. A cash-register having a shelf attached thereto, consisting of a bracket hinged to the
30 register, a shelf hinged to the top of the bracket, a jointed brace hinged to the bracket and to the shelf, and a shelf hinged to the lower inside part of the bracket, the shelves adapted to be folded upon the inside of the
35 bracket, and the bracket and shelves adapted to be folded against the side of the cash-register, substantially as herein described.

2. A cash-register having a shelf attached thereto consisting of a hinge-plate secured to
40 the register, a bracket hinged to the said hinge-plate, a top shelf hinged to the top of the bracket, a jointed brace pivoted to the shelf and to the bracket, a bottom shelf hinged to the lower inside part of the bracket, and a
45 stop to steady the shelf, all adapted to fold

together against the side of the register as herein shown and described.

3. A cash-register having a shelf attached thereto, consisting of a hinge-plate secured to the register, a bracket vertically hinged to
50 said hinge-plate, a shelf hinged to the top of the said bracket and adapted when in place for use to extend beyond the face of the bracket, a jointed brace hinged to the shelf and bracket, and a shelf hinged to the lower
55 inside part of the bracket, the shelves adapted to fold upon the inside of the bracket and the whole adapted to fold against the side of the cash-register the shelves being between the bracket and the side of the register substan-
60 tially as herein set forth.

4. A cash-register having a shelf attached thereto comprising a bracket vertically supported on the side of the register, a shelf
65 hinged to and adapted to rest on the top edge of said bracket as shown, being held in place by a hinged brace, the shelf adapted to be folded against the inner side of the bracket and the whole adapted to fold against the side
70 of the register, substantially as herein set forth.

5. A cash-register having a shelf attached thereto comprising a bracket removably hinged to the side of the register, a shelf
75 hinged to the top and adapted to rest on the top edge of the bracket, a hinged brace to support the shelf in position, the shelf adapted to fold upon the inner side of the bracket and be folded against the register in the manner shown, or the whole adapted to be re-
80 moved from the register, substantially as herein set forth.

Signed at Peekskill, in the county of Westchester and State of New York, this 7th day of May, A. D. 1901.

SAMUEL WESSELLS.

Witnesses:

FRANK WESSELLS,
FRED A. SMITH.