

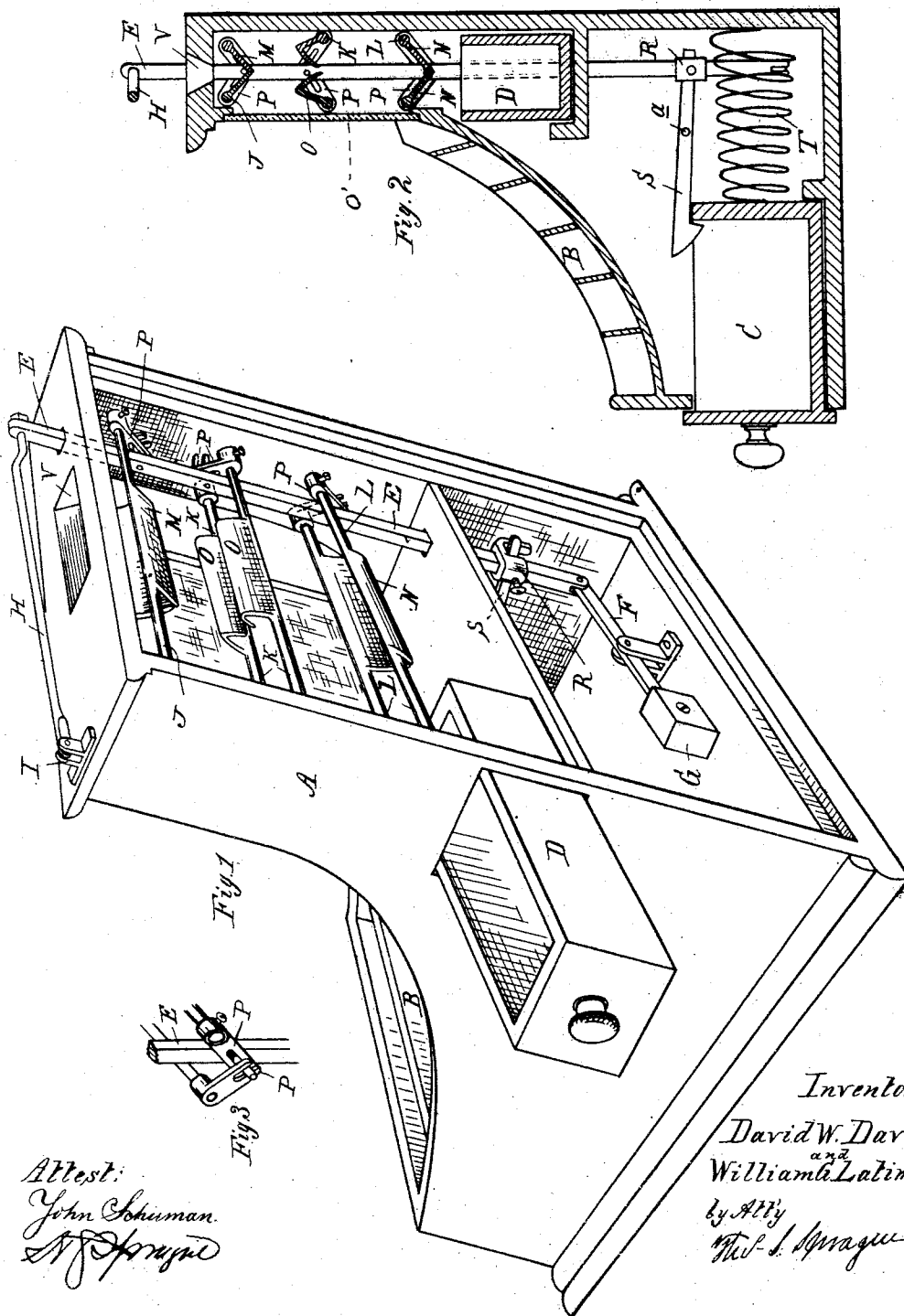
Model.)

D. W. DAVIS & W. G. LATIMER.

CASH RECEIVER.

No. 340,770.

Patented Apr. 27, 1886.



Attest:
John Schuman.
W. J. Sprague

Inventors:
David W. Davis,
and
William G. Latimer.
by Atty
W. J. Sprague

UNITED STATES PATENT OFFICE.

DAVID W. DAVIS AND WILLIAM G. LATIMER, OF DETROIT, MICHIGAN,
ASSIGNORS TO SAID WILLIAM G. LATIMER.

CASH-RECEIVER.

SPECIFICATION forming part of Letters Patent No. 340,770, dated April 27, 1886.

Application filed December 3, 1885. Serial No. 184,543. (No model.)

To all whom it may concern:

Be it known that we, DAVID W. DAVIS and WILLIAM G. LATIMER, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements in Cash-Registers; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain new and novel improvements in cash-receivers; and the invention consists in the peculiar construction of a device containing a ticket-rack, ticket and money drawer, and mechanical appliances for displaying to the customer the amount of his purchase after the ticket of such purchase has been dropped into the device, and in the peculiar construction, arrangement, and combination of the various parts, all as more fully hereinafter set forth.

Figure 1 is a perspective view of our improved device from the rear, with the back wall removed. Fig. 2 is a central vertical longitudinal section. Fig. 3 is a perspective view of the operating mechanism detached.

In the accompanying drawings, which form a part of this specification, A represents a suitable casing, in which are inclosed the operating parts of our device; and in the front of which are formed ticket receptacles or pockets B, of the ordinary construction of devices of this kind. In the bottom of this casing A is located a cash-drawer, C, above which is a ticket-drawer, D, the former arranged to be drawn from the front of the case, while the latter is arranged to be drawn from the side.

In the upright portion of the case A, and at one side thereof, is placed through proper openings or bearings a vertical rod, E, the lower end of which is pivotally secured to one end of a counterweighted lever, F, the opposite end of which carries a weight, G, the function of such weighted lever being to keep the rod E in the position shown in Fig. 1. To the upper end of the rod E is pivotally secured one end of a bearing-rod, H, the opposite end of which is fulcrumed between the standards I. Within the casing and between the sides thereof are journaled in proper bearings the rock-shafts J, K, and L, the shafts J and L

being provided with downwardly-projecting wings M N, respectively, which, when in their normal position, are closed together, as shown in Fig. 1, while the central shafts, K, are provided with the flanged wings O, which, when in their normal position, are open, as shown in the same figure. Each of these rock-shafts J K L is provided with rock-arms P, which are slotted upon their free ends, as shown, said slots engaging with pins projecting laterally from the bar E, to be operated as hereinafter set forth.

Near the lower end of the rod E is secured a bracket, R, which engages with the rear end of a counterbalance hook-lever, S, fulcrumed to the casing or to suitable standards, as at a, the hook of such lever S being designed to engage with the rear wall of the money-drawer C when the latter is closed. At the rear of this money-drawer is secured a suitable spring, T, for the purposes hereinafter described.

In practice the cashier, having sold a bill of goods of a certain amount, selects from the ticket-receptacle B a ticket bearing and designating the amount of sale. This ticket he drops into the opening V in the top of the casing A, at the same time pressing downwardly upon the bar H. This movement opens the wings M N, but closes the intermediate wings, O, upon the shafts K, so that the ticket is dropped at once into and between and arrested by such wings O, the amount of purchase being designated to the purchaser through a glass panel in the front of the case, while at the same time in the downward movement of the bar E the bracket R compels the hook S to disengage from the money-drawer C, the spring T by its expansion causing such money-drawer to open. At this point the ticket introduced is displayed through a glass or window, O', in the front of the case, from and suspended by the wings O. Upon the operator releasing the bar H the counter-weight G causes the parts to assume their original position, when the ticket is dropped from the wings O on the wings N, where it remains until the next ticket is introduced, and whence at that time it drops into the ticket-drawer D.

It will be observed that in this construction the cashier, at the same time that he deposits the ticket, opens the money-drawer and allows

the ticket designating the amount of purchase to be disclosed through the window of glass to the purchaser at one and the same operation of the bar H, while he is free to make his change from the money-drawer C, and that immediately upon closing the money-drawer it is locked and cannot be unlocked until the bar is again depressed, thus keeping a complete check upon the cashier and amount of sales, as the tickets that are deposited in the ticket-drawer D must correspond in amount to the amount of cash in the drawer, less the amount of change first placed in such drawer, of which a record is generally kept.

15 What we claim as our invention is—

1. In a cash-receiver, substantially as described, the combination of the case A, provided with groups of rock-shafts J K L, carrying wings M, O, and N, and the bar E, ar-

ranged to operate said rock-shafts, substantially as and for the purposes set forth.

2. In a cash-receiver, the combination of the case A, shafts J K L, wings M O N, rock-arms P, vertical bar E, and rod H, all constructed, arranged, and operating substantially in the manner and for the purposes described.

3. In a cash-receiver, the combination of the case A, drawer C, vertically-reciprocating bar E, hooked lever S, fulcrumed in said casing, with one end arranged in the path of said bar and its other end hooked to engage the rear edge of said drawer, and spring T, substantially as and for the purposes set forth.

DAVID W. DAVIS.
WM. G. LATIMER.

Witnesses:

H. S. SPRAGUE,
CHARLES J. HUNT.