This invention relates to watchman’s time clocks and recorders and possesses particular utility for use in conjunction with a time clock of the type described in United States Patent No. 1,442,644, issued January 16, 1923.

Among the objects of this invention is to provide a telltale device which will operate with certainty to accurately indicate in an indelible manner the exact time of opening and of closing of the cover of a watchman’s time clock. This telltale device is characterized by its inability to be circumvented by any artifice or fraud or to be tampered with in any manner.

To these and other ends the invention consists in the novel features and combinations of elements hereinafter described, and more particularly set forth in the appended claims.

The preferred embodiment of the invention is illustrated in the accompanying drawings in which—

Fig. 1 is a plan view of the rear compartment of a time clock with its door open.

Fig. 2 is a partial view of the time clock with its cover closed and showing a side view of the telltale device on line 2—2 of Fig. 1.

The type of watchman’s time clock described in the patent mentioned hereinbefore and illustrated herein has a compartment at its rear which exists between a rear cover 10 and a plate 11 which may be the cover-plate of the clock-motion (not shown). Connections with the clock-motion enable a record sheet 12 to be rotated thereby. The record sheet is in the form of a disk of paper having radial divisions 13 corresponding to predetermined time intervals. A portion of one edge of the record sheet passes under a matrix-bridge 14 beneath which is disposed a mechanism designed for the purpose of permitting a watchman to cause an entry to be made upon the record sheet.

When the clock is in use, the cover is closed and it is maintained locked in its closed position by means of a lock 15 and a locking pin 16 extending from the cover. It is the practice to place the key of the lock in the custody of a responsible person who may remove and replace each record sheet. In order to warrant the genuineness of the records made by a watchman, and of the record sheets themselves, it becomes necessary to be assured that there has been no tampering, malicious or otherwise, with the workings of the time clock or with the record sheet. Accordingly, I have devised a telltale device which cannot be hindered from operating each time the cover is opened or closed. This telltale device has a pivoted member 17 with a finger 18 extending therefrom and normally disposed just below or within an opening 19 in plate 11. Stud 20 extends from the inner side of the cover and when the cover is closed the flat end 21 of the stud will overlay the record sheet just above opening 19, as seen in Fig. 2. The stud 20 has a slot 22 therein which is adapted to receive finger 18 whenever member 17 is displaced from its normal position.

Member 17 is in the form of a lever, and, for convenience, it is supported upon a pin 23 extending from edge to edge of slot 24 in plate 11.

Extending below plate 11 is a bracket 25 which is pivoted a member 26. This member is illustrated as having a flange 27 and a pin 28 extending laterally therefrom. Pin 28 engages slot 29 which is so positioned in pivoted member 17 as to cause angular displacement of member 17 sufficiently to project the end of finger 18 through a record sheet and into slot 22 whenever member 26 is displaced.

The upper end of flange 30 of member 26 has a lip 31 having a rounded portion adapted to be contacted by cam surfaces 32, 33, on a member 34 extending from cover 10. Plate 11 has an opening 35 through which member 34 is projected when the cover is opened or closed. The relation of the cam surface 32 and the rounded portion of lip 31 when the cover is closed is such that, even though the cover be raised only a slight extent, member 26 will be rocked clockwise, Fig. 2, and finger 18 will be projected through the record sheet.

Likewise, during the last closing moments of the cover, cam surface 33 will engage and displace finger 18 through the record sheet.

The relation of opening 19, through which finger 18 is adapted to pass, to the record sheet is such as to enable one to tell exactly at what time the cover was opened or closed.

From the foregoing it is apparent that the construction described is simple and, yet, is certain to operate and possess qualitites which render it free from any outside fixing or interference which could not be detected.

My invention is capable of a wide variation and relationship of parts without departure from the nature and principle there-
of and I do not restrict myself unessentially in the foregoing or other particulars, but contemplate such alterations and modifications within the scope of the appended claims as may be found to be advisable.

I claim:

1. A telltale device for a watchman's recording time clock comprising, in combination, a plate, a pivoted member below said plate and having a finger extending therefrom, and means for operating said pivoted member, said means including a member adapted to be projected through an opening in said plate whereby said pivoted member may be operated to project a portion of said finger above said plate.

2. A telltale device for a watchman's recording time clock comprising, in combination, a plate, a pivoted member below said plate and having a finger extending therefrom, another member, means operatively connecting said two members, and means for operating said two members whereby said finger may be caused to be displaced upon a displacement of said last-named means.

3. A telltale device for a watchman's recording time clock comprising, in combination, a plate, a member below said plate and having a finger extending therefrom, a bracket, a member pivoted on said bracket, means intermediate said two members for transmitting motion, and a member adapted to be projected through an opening in said plate for displacing said pivoted member.

4. A telltale device for a watchman's recording time clock comprising, in combination, a plate, a pivoted member below said plate having a finger extending therefrom, a bracket extending below said plate, a member movably mounted thereon, means operatively connecting said two members, and means for displacing said last-named member whereby said finger on said pivoted member may be caused to rise above said plate.

5. A telltale device for a watchman's recording time clock having a record sheet therein comprising, a pivoted member having a finger pointing toward the record sheet, a stud for preventing lateral displacement of the record sheet when the finger is moved into the record sheet, a pivoted arm having a pin and slot connection with said member, and a member extending from the cover of said clock upon one side of the record sheet to the opposite side of the record sheet for acting with said pivoted arm to cause movement of the finger of said pivoted member with the record sheet when the cover of the clock is moved.

6. A telltale device for a watchman's recording time clock having a record sheet therein defining an upper compartment adjacent the cover of the clock and a lower compartment comprising, pivotally mounted means in said lower compartment having a finger extending therefrom and toward the record sheet, a stud in the upper compartment for preventing lateral displacement of the record sheet when the finger is moved into the record sheet, and a member carried by the cover of the clock and adapted to be projected into the lower compartment for operating said pivotally mounted means to cause the finger thereof to bear against the record sheet when the cover is moved.

In testimony whereof I hereto affix my signature.

ALOIS BEYER.