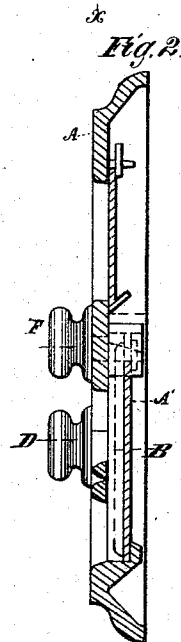
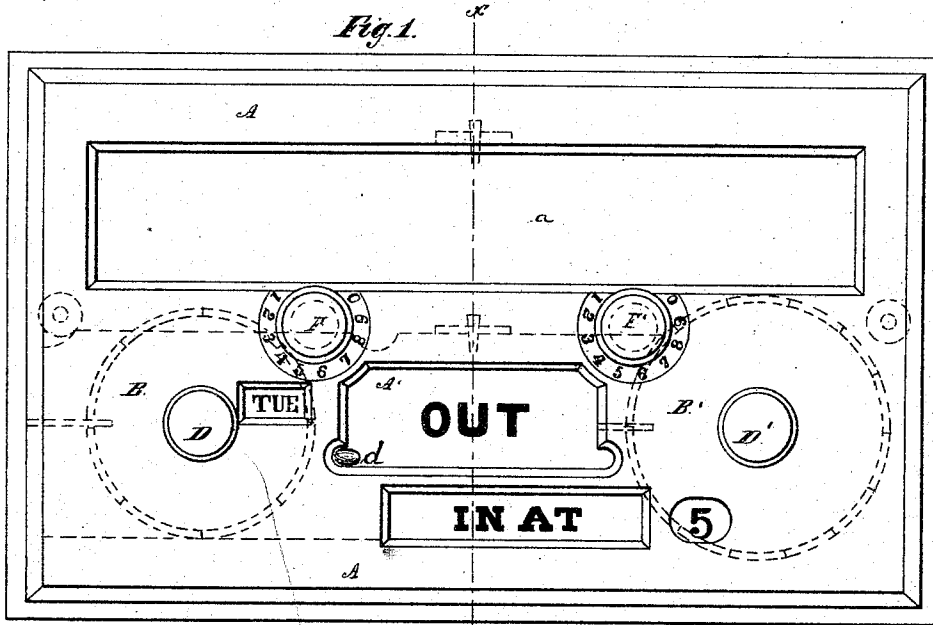


T. S. KENNARD.
Indicators.

No. 158,281.

Patented Dec. 29, 1874.



Witnesses:

Sebastian A. Brown.
William, Ballouill.

Inventor:

Thomas S. Kennard.

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Fig. 3.

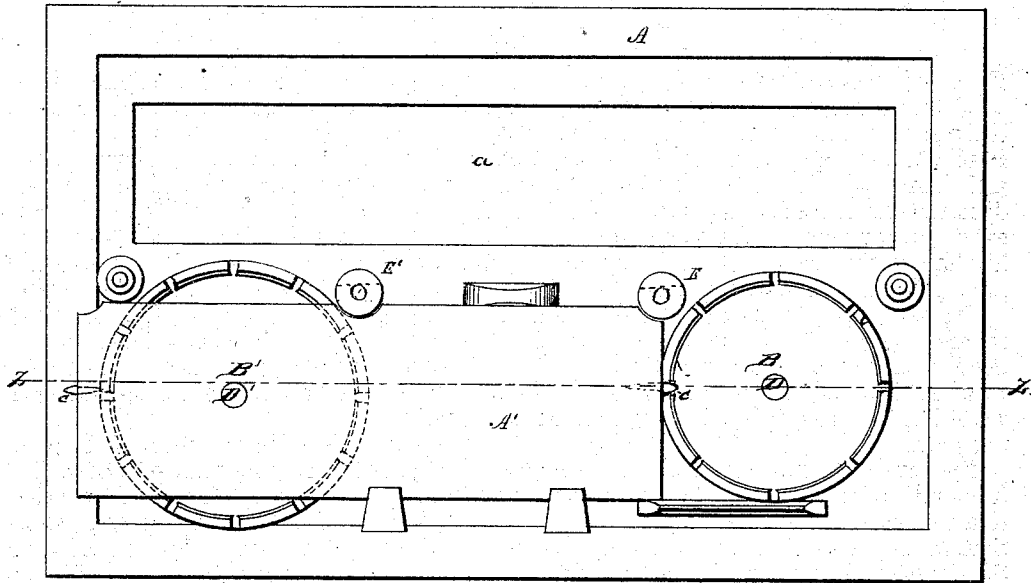
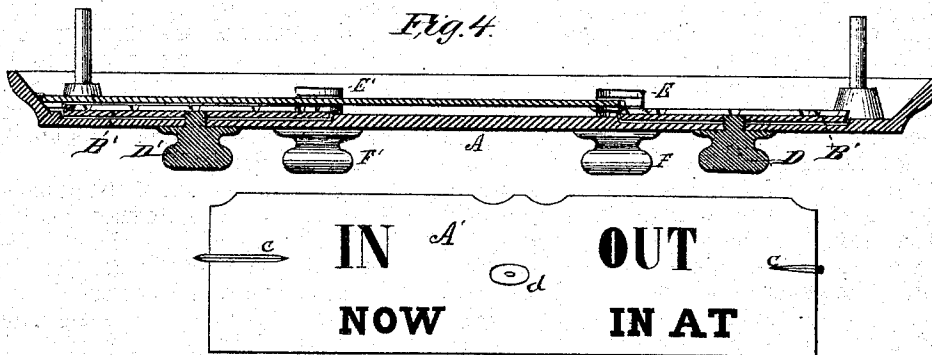


Fig. 4.



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UNITED STATES PATENT OFFICE.

THOMAS S. KENNARD, DECEASED, OF EXETER, NEW HAMPSHIRE; SARAH B. KENNARD, EXECUTRIX, ASSIGNOR TO J. ALBERT CLARKE, OF SAME PLACE.

IMPROVEMENT IN INDICATORS.

Specification forming part of Letters Patent No. 158,281, dated December 29, 1874; application filed March 9, 1874.

To all whom it may concern:

Be it known that I, THOMAS S. KENNARD, of Exeter, in the county of Rockingham and State of New Hampshire, have invented a new and Improved Indicator; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figures 1 and 3 are, respectively, front and reverse views of the indicator. Fig. 2 is a vertical cross-section on the line *xx* of Fig. 1; and Fig. 4 is a horizontal section on line *zz* of Fig. 3. Fig. 5 is a face view of the sliding plate.

The invention consists in the application of time-indicating wheels and an inscribed slide to a slotted recessed plate, in such a manner that when said slide is in a certain position the device will indicate that the occupant of the office is out, and also the time of his return; and when in another position that he is in, the name of the day of the week being indicated, and the wheels locked in position in each case.

In the drawing, A is the recessed and slotted plate; A', the slide; B, the wheel carrying names of the secular days of the week; and B', the wheel inscribed with the hours of the day from 1 to 12. Said wheels are operated by knobs D D', and symmetrically arranged in the frame A, below the slot *a*, for the name of the person making use of the indicator. The general form of the slide A', Fig. 5, is oblong and rectangular, but semicircular notches are formed in the center and corners of its upper side, which adapt it to be locked in position by the buttons E E', operated by knobs F F'. The buttons are circular on one side but slotted or cut away on the other, so that when adjusted as shown in Fig. 3 the slide will be locked in position, and when turned half round the slide will move without obstruction by the buttons. On the left of

the central projection *d* of slide A' the word "In" is inscribed above the word "now," and on the right of same the word "Out" occupies a like position with the words "In at —." The frame A is suitably slotted between the wheels to allow reading of half the slide at a time.

As shown in Fig. 1, the slide is moved to the left; hence, taking the indications of wheels B B' into consideration, the indicator states the day as "Tuesday;" that the occupant is "Out," but will be "In at 5 o'clock, —." It is evident that by moving the slide to the right the indicator would state the occupant is "In now —."

The slide A' has a rib, *c*, at its ends, which engage the notched rims of wheels B B', when the slide occupies either of the positions above indicated, thus preventing said wheels being turned. When the slide is moved to an intermediate position the ribs *c* will be opposite the axes of the respective wheels, and thus allow their rotation for the purpose of indicating a different time. A series of corresponding numbers are inscribed or printed on the plate A in a circle around the button-knobs F F', so that it may be readily determined when the latter have been properly adjusted to release or lock the slide A.

What I claim is—

1. The combination of the notched slide and the slotted buttons, as shown and described.
2. The combination of the slide, having ribs *c c*, and day and hour wheels, having notched rims, as shown and described.
3. The combination of the buttons, constructed as described, the slide A', having ribs *c c*, and the day and hour wheels B B', provided with notched rims, to operate as specified.

THOMAS S. KENNARD.

Witnesses:

SEBASTIAN A. BROWN,
W. B. MORRILL.