

(No Model.)

E. DUNDON.
OFFICE INDICATOR.

No. 575,597.

Patented Jan. 19, 1897.

Fig. 1.

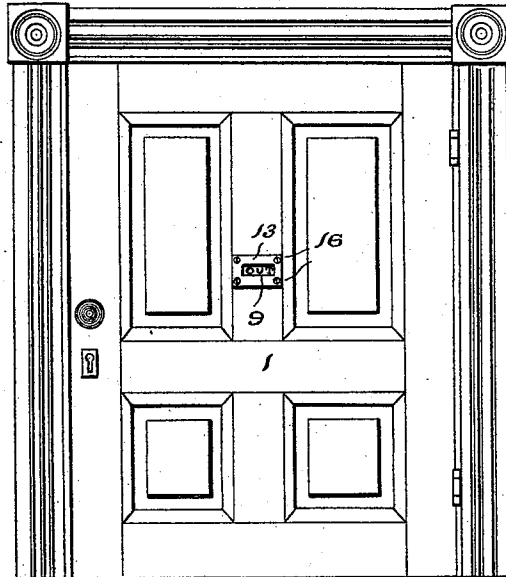


Fig. 2.

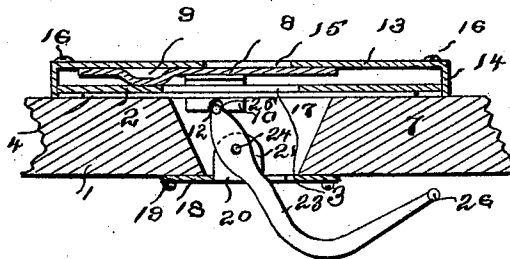
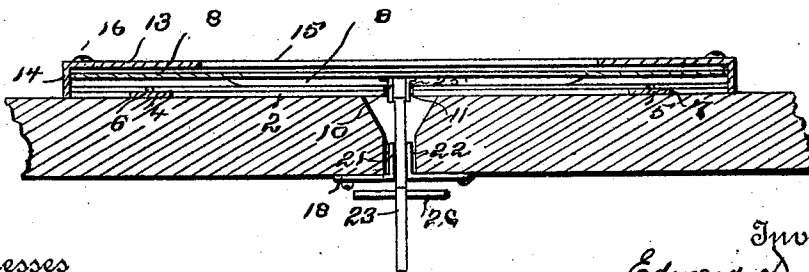


Fig. 3.



Witnesses
G. S. Hesler
K. A. Nau.

Inventor,
Edward Dundon,
by John Weddenburn
Attorney.

UNITED STATES PATENT OFFICE.

EDWARD DUNDON, OF FORT LEAVENWORTH, KANSAS.

OFFICE-INDICATOR.

SPECIFICATION forming part of Letters Patent No. 575,597, dated January 19, 1897.

Application filed June 15, 1896. Serial No. 595,573. (No model.)

To all whom it may concern:

Be it known that I, EDWARD DUNDON, a citizen of the United States, residing at Fort Leavenworth, in the county of Leavenworth and State of Kansas, have invented certain new and useful Improvements in Door-Indicators; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to door-indicators.

My object is to provide a more simple, cheap, and easily-operated door-indicator adapted for use on office, residence, and water-closet doors, or on any door where it is desirable that an outsider be notified that the apartment is occupied, the party therein too busy to be interviewed, or that entrance may be had. Having this object in view, the invention consists of a door-indicator of novel construction, as will appear more in detail hereinafter.

In the accompanying drawings, Figure 1 is a front elevation of the indicator; Fig. 2, a cross-sectional view, and Fig. 3 a sectional plan view.

In the drawings the numeral 1 designates the door of the apartment.

I provide a rectangular metal door-plate 2, having a centrally-disposed elongated vertical guide-slot 3. Two ribbon-springs 4 and 5 have their lower ends 6 and 7, respectively, fastened to the door-plate, while their upper ends are free to slide in depressions therein when the springs are compressed.

The numeral 8 designates an indicator-slide which is bent into a longitudinal depression 9, in which some suitable words may be etched or to which a printed strip may be pasted or otherwise connected. Of course these words would vary according to the use to which the indicator was to be put. If used in connection with a water-closet, the word "Occupied" might be employed, while if the indicator was for office use the words "Not in" or "Out" would be suitable. If used on the door of a residence, the words "Not at home" or "At home" could be placed on the slide. The upper portion of the indicator-slide should be provided with some suitable words, as "Unoccupied" when used on a water-closet door, or the name of the tenant, as, for instance,

"Mrs. H. T. Smith," when used on the door of a residence. Connected to the back of the slide are two arms 10 and 11, which are provided with registering bifurcations 12, that serve as bearings, as will appear presently. These arms project through the vertical slit in the door-plate and are adapted for movement therein.

I employ an ornamental outer housing-plate 13, having a bent edge 14, which overlaps the edge of the door-plate and forms a housing for the indicator-slide and serves to keep the same in position. This housing-plate is provided with a central longitudinal sight-opening 15 of slightly greater length than the words on the indicator-slide and in alinement therewith.

The parts heretofore described are connected to the door by screws or other fastening devices 16 at the four corners of the plates and slides.

The door is cut away to form a vertical opening 17 in alinement with the slit in the door-plate and to receive the projecting ends of the arms on the door-plate.

There is a second small door-plate 18, which is fastened by screws or other fastening devices 19 to the inner side of the door. This door-plate is provided with a T-shaped vertical slot 20, and it also has two arms 21 and 22, which project into the slot in the door. There is an operating device bent into the shape of a bell-crank lever 23. One arm of this lever is pivoted to the arms 21 and 22 by a pin 24, and its outer end carries a transverse pin 25, which lies in the bifurcations of the arms projecting from the outside door-plate. The inner upwardly-bent arm of the operating-lever carries a handle 26.

Ordinarily the indicator-slide is down, so that the word "Unoccupied" shows through the sight-opening. When it is desired to operate the slide, however, the operating-lever is pulled down and the indicator-slide is thereupon forced up, bringing the lettering "Occupied" thereon into view, and the slide remains held in this position by the springs until the handle is pushed up again, whereupon the word "Unoccupied" appears.

It is to be understood that I do not limit myself to the precise construction herein shown and described, but consider that I am

entitled to all such variations as come within the spirit and scope of the invention..

Having thus described the invention, what is claimed as new is—

5 1. In a door-indicator, the combination with a door, of a movable indicator-slide carried thereby, and a lever which is pivoted connected to the slide and pivoted to the door, said lever extending transversely through the
10 latter and provided with a free handle.

2. In a door-indicator, the combination with a door, of a movable indicator-slide carried thereby, and a bell-crank lever which has one of its arms connected to the slide, and its other
15 arm projecting transversely through the door and provided with a free handle, said lever being pivoted to the door.

3. The herein-described door-indicator comprising the combination with a movable indicator-slide and a housing therefor which is
20 provided with a sight-opening, of mechanism

for moving the slide to any desired extent, and springs adapted to coact with the slide and retain it in position after any degree of adjustment has been effected. 25

4. In a door-indicator, the combination with a door-plate and a housing-plate having a sight-opening, of an indicator-slide movable between the housing-plate and door-plate, ribbon-springs bearing on the indicator-slide
30 and serving to hold it in position after adjustment, and an operating-lever connected to the indicator-slide, substantially as described.

In testimony whereof I have signed this
specification in the presence of two subscribing witnesses. 35

EDWARD DUNDON.

Witnesses:

RALPH DONNOLLY,
STANISLAW LOZOWSKI.