

(Model.)

C. F. A. BULTMANN.
Indicators.

No. 235,411.

Patented Dec. 14, 1880.

Fig. 1

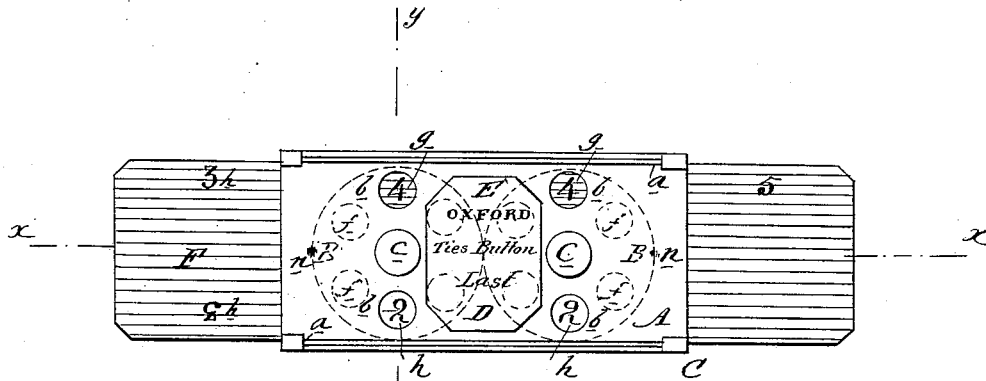


Fig. 2

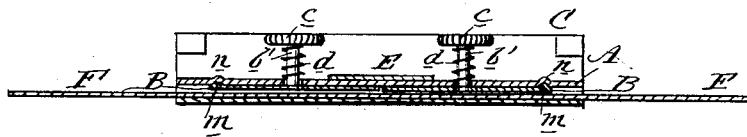


Fig. 3

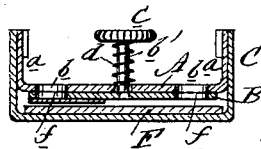
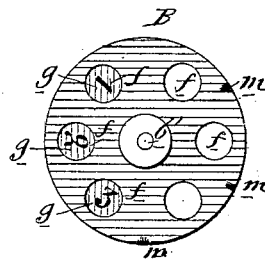


Fig. 4



WITNESSES:

C. Newell
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UNITED STATES PATENT OFFICE.

C. FRIEDRICH A. BULTMANN, OF SUMTER, SOUTH CAROLINA.

INDICATOR.

SPECIFICATION forming part of Letters Patent No. 235,411, dated December 14, 1880.

Application filed September 15, 1880. (Model.)

To all whom it may concern:

Be it known that I, C. FRIEDRICH A. BULTMANN, of Sumter, in the county of Sumter and State of South Carolina, have invented
5 a new and Improved Indicator, of which the following is a specification.

The object of this invention is to provide a register to be fixed on the outside of box or drawer to indicate the contents and character
10 thereof.

The invention consists of a plate provided with several perforations, beneath which are revolving disks having series of numbers or figures extending half-way around their faces,
15 and having series of openings corresponding with the openings in the plate extending around the other half of their faces; and it consists, further, of an outer case supporting said plate and disks, and of a movable strip
20 of card-board or other suitable material marked with numbers or figures, laid upon the bottom of said case, beneath the said disks.

Figure 1 is a plan of the device. Fig. 2 is a longitudinal sectional elevation of the same
25 on line *x x*, Fig. 1. Fig. 3 is a cross-sectional elevation on line *y y*, Fig. 1. Fig. 4 is a plan of a disk.

Similar letters of reference indicate corresponding parts.

30 In the drawings, A represents the inner plate, having its sides turned up, as shown at *a*, and provided with circular openings *b b*.

B B are disks, held beneath each end of the plate A by studs *b' b'*, that are rigidly
35 fixed in the centers of said disks B B, and which studs project up through the plate A, and are provided with milled buttons *c c* on their tops for convenience of handling. Said studs *b' b'* are encircled above the plate A
40 with spiral springs *d d*, whose tension serves to hold plate A down on the disks B B. Each disk B B is made with a series of circular openings, *f f*, near its edge, said openings *f f* corresponding with the openings *b b* of the
45 plate A, and one-half of these openings *f f*—those on one side of the disk B B—are covered with paper or other material on which are marked certain numbers, as shown in Fig. 4.

50 C is the outer case, of metal or other suitable material, corresponding in shape with the plate A, and holding said plate A and disks B B.

55 F is a strip of card-board or other suitable material, provided with figures *h h*, marked

at regular intervals, which strip F is introduced between the bottom of the case C and the disks B B to exhibit the size of the shoes.

This invention is especially designed to be
60 affixed upon a box or drawer containing shoes or boots, though it may, it is obvious, be arranged for other purposes.

A tag, E, is affixed to the center of the plate A to denote the make and style of boot
65 or shoe, as shown in Fig. 1. The figures on the strip F are designed in this instance to denote the number or size of the shoe, and the figures on the disks the number of pairs of shoes in the box or drawer to which the
70 register is affixed.

In the drawings, Fig. 1, both disks B B are so turned as to indicate that there are two pairs of No. 4 shoes in the box or drawer to which the register is attached.
75

This register may be placed between two
75 drawers, so as to serve to indicate the contents of both drawers, and thereby save the shopkeeper the trouble of opening the drawers to count the contents thereof.
80

As many numbers as may be desired may be placed both on disks B and strip F, and as the contents of the box or drawer are increased or diminished the proper change in figures shown may be made by turning the
85 disks B and moving, if necessary, the strip F.

In order to prevent the disks B B from being accidentally turned, slight upward projections *m* are formed near their edges, which fit into corresponding depressions *n*, formed
90 in the under side of the plate A, and lock said disks in position when exhibiting or displaying any number.

Having thus described my invention, I claim as new and desire to secure by Letters
95 Patent—

In an indicator for the purpose set forth, the combination of the inner plate, A, having sides turned up at *a* and provided with openings *b*, the two disks B, having studs *b'* projecting up through said plate, carrying springs
100 *d* and provided with openings *f*, of which one-half are covered with notated paper, and the card-board strip F between the bottom of case and disks, as shown and described.

C. FRIEDRICH A. BULTMANN.

Witnesses:

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C. T. MASON.