

(No Model.)

O. L. DANFORTH.
BARBER'S TURN.

No. 569,178.

Patented Oct. 13, 1896.

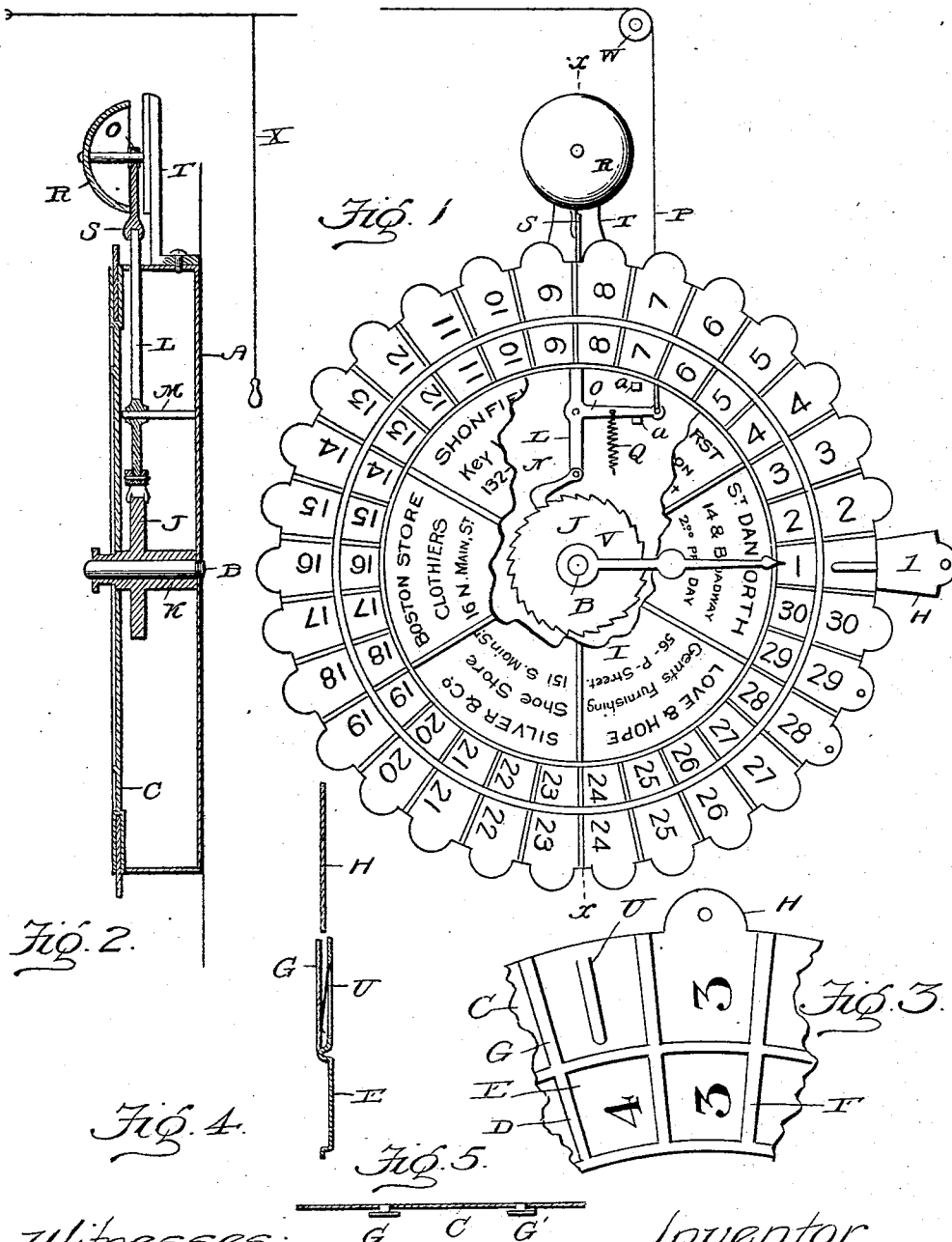


Fig. 2.

Fig. 1.

Fig. 3.

Fig. 4.

Fig. 5.

Witnesses:

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UNITED STATES PATENT OFFICE.

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BARBER'S TURN.

SPECIFICATION forming part of Letters Patent No. 569,178, dated October 13, 1896.

Application filed August 7, 1896. Serial No. 602,042. (No model.)

To all whom it may concern:

Be it known that I, OSCAR L. DANFORTH, a citizen of the United States, residing at Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Indicator and Advertising Mediums; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in recording devices and advertising mediums, and the objects of my invention are, first, to provide a novel device for numbering customers in barber-shops, obviating all disputes regarding who is entitled to the next turn; second, to record how many customers have been attended to during the day; third, to use a part of the device for advertising business-houses; fourth, to make a novel, cheap, durable, and efficient means for the purposes stated.

In the accompanying drawings, Figure 1 is a front plan view of my improved recording and advertising device, a portion of the center broken away, showing the mechanism for operating the same. Fig. 2 is a transverse sectional view taken in line *x x*, Fig. 1. Fig. 3 is an enlarged front view of two sections of the revolving disk, showing the stationary numbers and removable checks and mode of holding the same in position. Fig. 4 is a sectional view of same, showing the numbered check above the pocket. Fig. 5 is an edge view of same, showing the form of the pockets to hold the checks.

Similar letters of reference indicate the several parts throughout the several views.

In the accompanying drawings, A indicates a round hollow case provided in its center with the stud B.

C indicates the front plate, which may be made of thin sheet metal pressed into the form shown. The ribs D are pressed above the level of the plate to stiffen the same and prevent all liability to spring, and at the same time to form panels E, in which are pressed raised figures F, the number being not limited.

I have shown in Fig. 1 a disk with thirty numbers and thirty correspondingly numbered checks, but any number can be used.

G indicates T-shaped guides secured upon the face of the disk or frame part of the same to form taper-pockets to receive the checks H.

U indicates a tongue-spring formed from the disk to retain the checks in position in the revolving disk. This I have shown fully in Figs. 3, 4, and 5. The center of the disk is divided into any number of equal parts I to receive business-cards for advertising purposes.

J indicates a ratchet-wheel secured upon the sleeve K, secured to or forming part of the disk C. The said disk and ratchet-wheel are supported upon the stud B and rotated upon the same.

L indicates a vertical lever pivoted upon the stud M, secured in a suitable position in the back of the case A. The said lever is provided at its lower end with the pawl N to engage with the teeth in the ratchet-wheel.

O indicates a horizontal arm forming part of the lever L, the outer end provided with an eye to which is secured the operating-cord P.

Q indicates a coil-spring, the upper end attached to the horizontal arm, the lower end secured to the back of the case. The object of the said spring is to draw the lever to its normal position. The vertical arm of the lever extends upward through the top of the case A to operate the bell R by coming in contact with the bell-lever S. The said bell is secured to the standard T, secured upon the top of the case A.

aa indicate stops secured to the back of the case, which are for the purpose of regulating the distance of the throw of the lever to rotate the disk the proper distance.

V indicates the indicator, which is rigidly secured to the outer end of the stud B.

I do not wish to limit myself to the exact construction for the reason that the disk can be stationary and the indicator-arm revolve.

The operation of the device is as follows: When a customer enters the barber-shop, he approaches the recorder and removes the first check above the indicator-arm V. This indicates his number. We will suppose check No. 1 is removed. The next customer removes

check No. 2. A third one enters and removes check No. 3. When the person holding check No. 1 has been attended to, the barber pulls down upon the pendent cord X, which is attached to the cord P. The said cord is attached to the lever O, which operates the same, turning the disk one number, at the same time ringing the bell R, indicating that No. 2 is the next to be attended to. The number of chairs does not make any difference, for should there be four chairs in the shop and all the chairs are filled the indicator would indicate that number, and should the checks be taken out to No. 10 the first barber whose chair was vacated would pull his cord and indicate that he was ready for No. 5, making it impossible to make a mistake in turns. I would state that the cord P is secured in line with the chairs, and each chair is provided with a pendent cord X.

The employer can tell at night how many customers each employee has attended to by counting the checks in his possession.

Those skilled in the art will readily understand the operation and advantages of the machine.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An indicator for barbers' use, to indicate the turn of each customer, composed of a hollow circular case, a stud placed in the center of the same, a disk placed loose upon the said stud, a ratchet-wheel secured upon the hub of the disk, a portion of the said disk divided into any number of parts, and numbered, T-shaped ribs secured upon the disk, or forming part of the same, the ribs so placed that they line with the center of the disk and form pockets around the outer periphery of the disk checks placed within each pocket, each check numbered to conform to the numbers upon the face of the disk; the

said checks held in position by a tongue-spring secured to or forming part of the disk, by pressing the checks against the flanges formed by the T-shaped ribs; a lever pivoted to the inside of the back of the case, the lower end provided with a pawl to engage the ratchet-wheel, the upper end engaging with the lever of a bell secured upon the top of the case; a coil-spring secured at one end to a horizontal arm forming part of the lever, the other end to the back of the case; a cord secured to the outer end of the arm, the said cord passing over suitable pulleys and in line with the chairs, the outer end secured to a suitable stationary point pendent cords secured to the main cord, and placed in suitable position to be operated from each chair, substantially as shown and described.

2. In an indicator and advertising medium for use in barber-shops and other purposes, a circular disk adapted to be rotated upon a center stud or pin the said disk divided into any number of parts, each part numbered in consecutive numbers, the same number of pockets upon the face extending to the outer periphery of the disk, checks placed within the pockets and numbered to correspond with the stationary numbers on the disk, the said checks held in position by any suitable mechanism, the center of the disk divided into equal parts to receive business-cards, a stationary indicator-arm secured upon the outer end of the stud and in line with the face of the disk, the said disk adapted to be operated by any suitable mechanism from each chair, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

OSCAR L. DANFORTH.

Witnesses:

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