(No Model.) 2 Sheets—Sheet 1.

J. W. FAWKES.

AUTOMATIC ADVERTISING DEVICE.

No. 308,761. Patented Dec. 2, 1884.

Fig. 1.

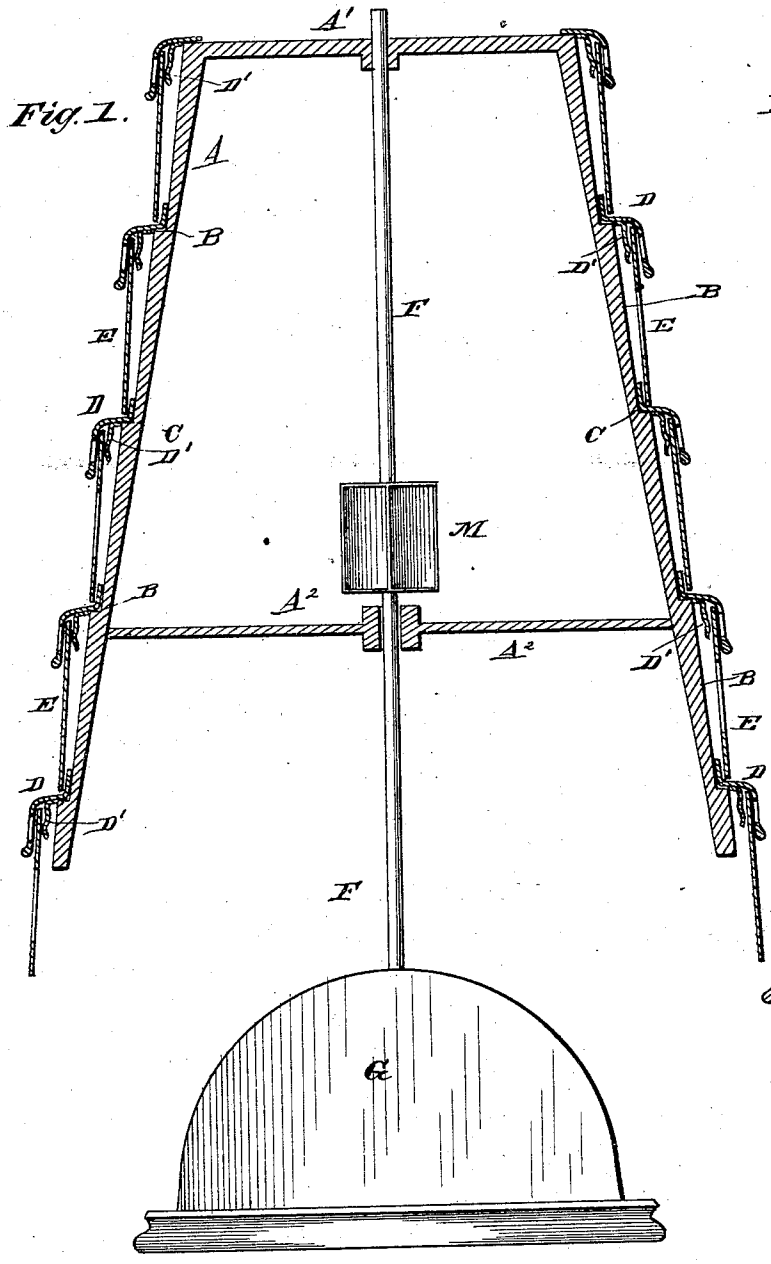
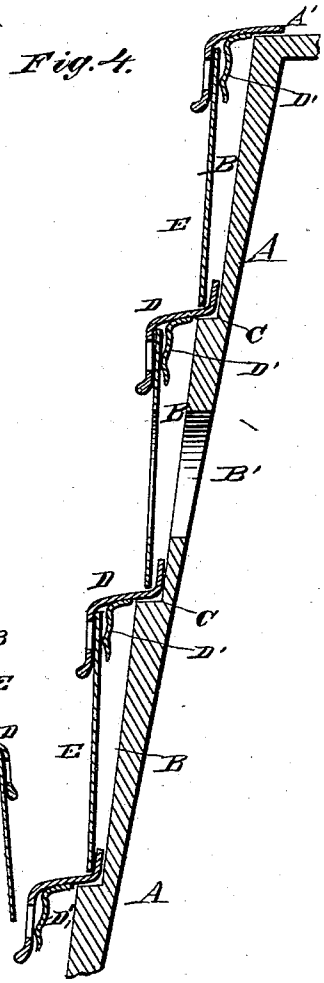


Fig. 4.



WITNESSES

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(No Model.) 2 Sheets—Sheet 2.

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Fig. 3.

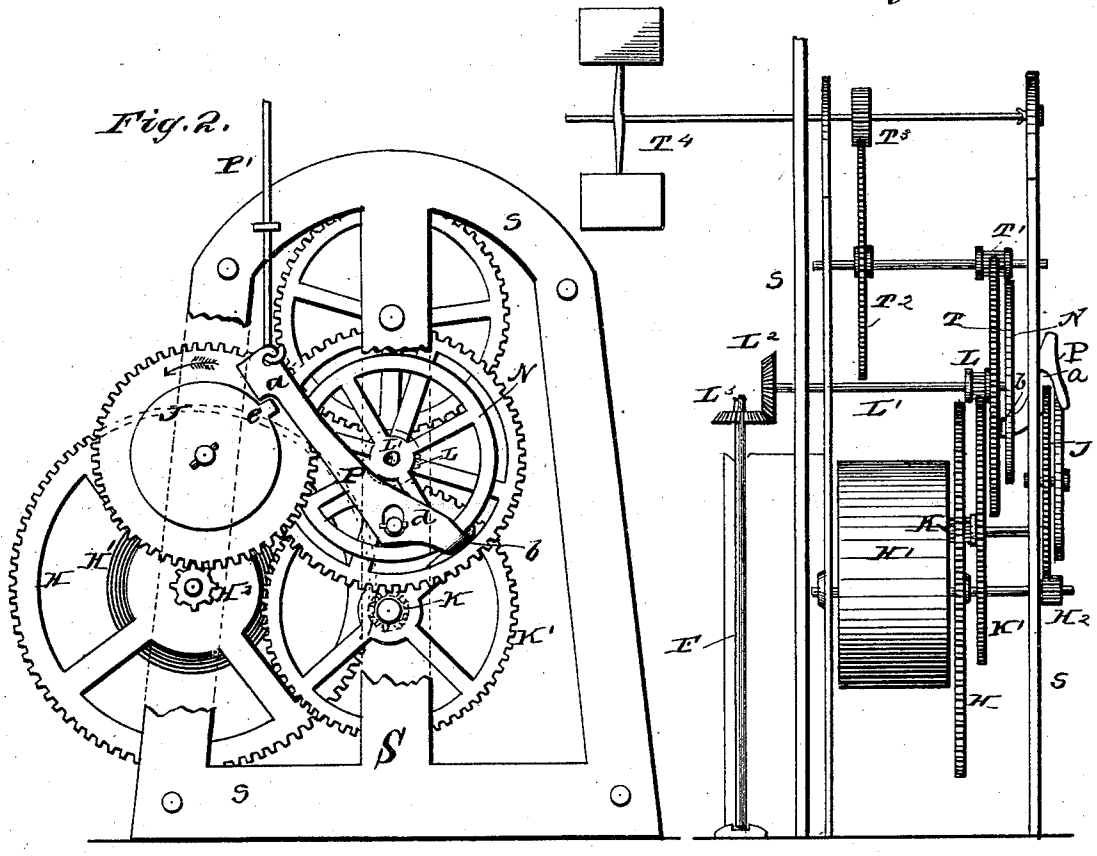
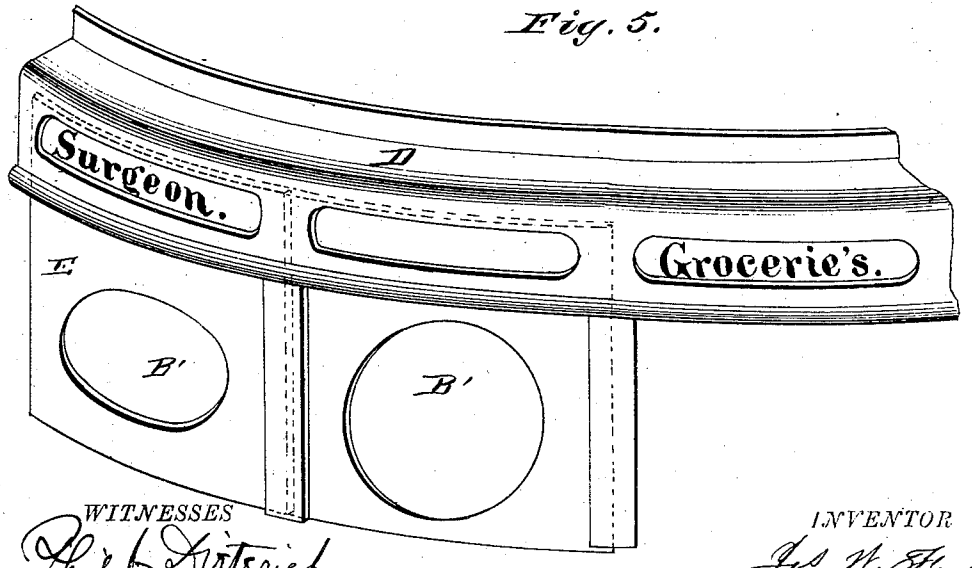


Fig. 2.

Fig. 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOSEPH W. FAWKES, OF OAK PARK, ILLINOIS.

AUTOMATIC ADVERTISING DEVICE.

SPECIFICATION forming part of Letters Patent No. 308,761, dated December 2, 1884.

Application filed November 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. FAWKES, a citizen of the United States, residing at Oak Park, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Automatic Advertising Devices; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

The case is intended to be placed in hotels, railway-depots, post offices, news-stands, and other places of public resort.

In the drawings, Figure 1 is a sectional elevation of a machine embodying my invention. Fig. 2 is a front elevation of its actuating mechanism. Fig. 3 is a side elevation of the same. Fig. 4 is a sectional elevation of the case A. Fig. 5 is a segment of one of the annular faces of the case.

A is the case, which I construct in a conical form, and its exterior consists of the series of annular faces B, decreasing successively in diameter toward the top of the case. The inner portion of the case A is hollow and contains the actuating machinery. The exterior of the case A has formed therein, at ascending intervals, the steps C, to which steps, respectively, the pendants D, which hold the advertising-cards E, are attached. To each pendant D is suitably affixed a spring, D′, between which and the pendant D the upper edge of the card E is inserted, its lower edge resting on the step C next below. The case A is supported and rotated horizontally by means of a horizontal collar, A′, which forms the top of such case, and is attached to the upper end of the vertical shaft F, which latter is pivoted at its lower end in the base-block G, under the center of the case A. Cross-braces A^2, about midway the vertical length of the case A, extend from the latter to the shaft F, and serve to steady such case upon such shaft. An internal frame, M, having four or more faces, is attached to the shaft F in the plane of one of the side faces, B, and on the frame M are placed unique, comical, or attractive pictures, which can be changed as they become trite. At intervals in the faces B are left openings B′, through which the pictures on the frame M can be seen for a short time as the case A revolves. The object in this construction is to draw attention to the case; and I find in practice, as I previously expected, that persons will wait for the transit of the different openings B′, in order to see the inner pictures, and while waiting will read the intervening business-cards.

Referring to Fig. 2, H is a cog-wheel, to whose axle is rigidly affixed the spring H′, and on the outer end of such axle is rigidly placed the pinion H^2. The pinion H^2 engages and rotates the wheel J, on the outer face of which is formed the lug *e*. The cogs on the periphery of the wheel H mesh into the pinion K, on whose axle is carried the wheel K′, which latter engages the pinion L on the horizontal shaft L′.

On the inner end of the shaft L′ is affixed the bevel-gear L^2, which engages a corresponding bevel-gear, L^3, on the shaft F, and thus rotates horizontally the case A.

On the shaft L′ is rigidly affixed the brake-wheel N, having a smooth periphery. A brake, P, having at its upper end the recess *a* and at its lower end the flange *b*, is so pivoted on the frame S (in which the aforesaid wheels are journaled) as that such recess may engage the lug *e* on the wheel J, and the flange *b* clasp the periphery of the wheel N. The movement of the machinery is so timed that the wheel J makes one revolution in twelve hours. The brake P at its pivotal point is provided with a vertical slot, *d*, and when, by means of the vertical wire P′, attached to the upper end of the brake P, the upper end of the latter is lifted, such brake settles in the slot *d* and releases the lug *e*, permitting the wheel J to make an entire revolution. As soon as lug *e* has passed beyond the end of the brake P, the latter drops into position to engage such lug when the latter has made another revolution. When so engaged, the wheel J clamps the flange *b* against the periphery of the brake-wheel N, and stops both the wheel J and wheel N, and consequently the entire machinery. Thus the unnecessary revolving of the case A during the night is avoided. A slight raising of the wire P′ will allow the case to again revolve for twelve

hours. By this means frequent winding of the spring H′ is avoided.

The foregoing-described mechanism I use in duplicate, placing the series of wheels so that the wheel corresponding to wheel K′ may also engage the pinion L.

On the shaft L′ is affixed the cog-wheel T, which engages the upper pinion, T′, upon whose shaft is the wheel T^2, which rotates the pinion T^3, on whose axle is placed the usual governing-fan, T^4, which revolves in a vertical plane. The case A is suspended above the operating mechanism sufficient to permit access to the latter for the purpose of winding the spring.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. An automatic advertising device consisting of the revolving case A, provided with annular faces B and occasional openings B′ therein, in combination with the shaft F and internal frame, M, having pictures thereon adapted to be seen through the openings, substantially as shown, and for the purpose described.

2. The combination, in an automatic advertising device, of the brake P, provided with the recess *a*, vertical slot *d*, and flange *b*, the wheel J, and brake-wheel N, substantially as shown, and for the purpose specified.

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

JOSEPH W. FAWKES.

Witnesses:
B. F. BENSON,
C. G. FAWKES.