

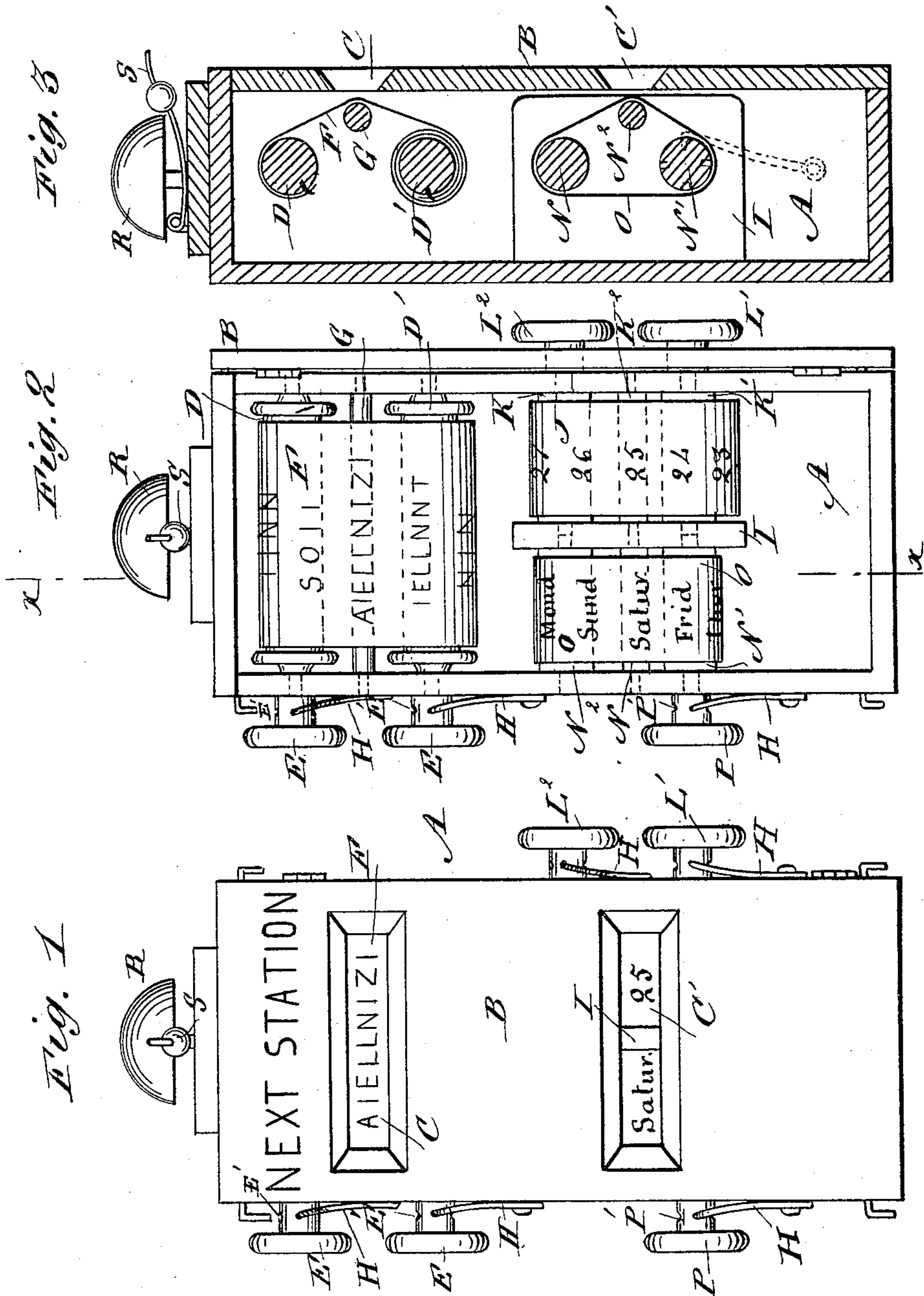
(No Model.)

F. C. JONES.

STATION INDICATOR AND CALENDAR.

No. 365,184.

Patented June 21, 1887.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

FRANCIS C. JONES, OF OUACHITA PARISH, LOUISIANA.

## STATION-INDICATOR AND CALENDAR.

SPECIFICATION forming part of Letters Patent No. 365,184, dated June 21, 1887.

Application filed January 20, 1887. Serial No. 224,916. (No model.)

*To all whom it may concern:*

Be it known that I, FRANCIS CARTER JONES, residing in the parish of Ouachita and State of Louisiana, have invented a new and Improved Station-Indicator and Calendar, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved device for indicating the stations, the names of the days of the week, and the corresponding days of the month.

The invention consists in the construction and arrangement of various parts and details, and combinations of the same, as will be fully described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of my improvement. Fig. 2 is a similar view of the same, with the front door open; and Fig. 3 is a sectional side elevation of the same on the line  $x x$  of Fig. 2.

My improved device is mounted in a casing, A, adapted to be secured in a prominent place in the car in any suitable manner. The casing A has a front door, B, provided with two slots, C and C', and above the slot C, on the outer face of the door B, are the words "Next Station."

In the upper part of the casing A are mounted longitudinal rollers D and D', each having one of its trunnions projecting through one side of the casing, and each carrying on the outside of the casing a knob, E, by which the respective roller D or D' can be turned. A belt or band, F, is fastened by suitable means at one end to the roller D, and is then passed over a small roller, G, mounted in the casing A, between the rollers D and D' and directly behind the slot C. The belt F then passes to the roller D' and is wound around the same, its other end being fastened by suitable means to this roller. The front of the belt or band F is provided successively with the names of the stations, and one of the names will always be visible through the upper slot, C, as shown in Fig. 1. The hub of each knob E is provided with a series of notches or indentations,

E', which engage with the spring-catches H, fastened to the side of the casing A, and serving to hold the rollers D and D' and their belt F in place.

In the lower part of the casing A is placed a vertical partition, I, on one side of which is arranged the device for indicating the days of the week, and on the other side is placed a device for indicating the days of the month. The latter device is similar to the device for indicating the stations, with the exception that the band or belt J, fastened to the rollers K and K', is provided at its front with the numerals from 1 to 31, instead of with the names of stations. The roller K<sup>2</sup>, over the front of which passes the said band or belt J, is placed directly behind the slot C'. The spring-catches H engage notches or indentations in the hubs of the knobs L' and L<sup>2</sup>, which are secured to the trunnions of the rollers K and K', respectively, and serve to turn the same.

The device for indicating the names of the days of the week consists of the rollers N, N', and N<sup>2</sup>, and of the endless belt or band O, provided on its front with the names of the days of the week. Of these names one will always appear through the slot C' at the left, while on the right of the slot the numeral of the corresponding day of the month will appear. The roller N' is provided with a knob, P, having on its hub notches or indentations, P', engaging a spring-catch, H, so as to prevent any accidental movement of the belt O and the rollers N and N'.

On top of the casing A is placed a bell, R, sounded by a striker, S, pivoted on the said casing A.

The operation is as follows: The days of the week and month are set by turning the knobs P, L', and L<sup>2</sup>, respectively, so as to impart motion to the endless belt O and the belt J until the day of the week and the corresponding day of the month appear through the slot C'. When the month is ended, then the belt J is unwound from the lower roller and wound up again on the upper roller, K, so as to start again with the numeral 1 from the beginning of the month. The motion of the belt O is always in one direction. The conductor, or other employé attending to the proper setting of this device, turns the respective roller D or

D' whenever the car leaves a station, so that the name of the next station appears through the slot C on the belt F, and he then rings the bell R on top of the casing, so as to attract the attention of the passengers in the car to the device, from which they can inform themselves as to the next station, the day of the week, and the day of the month. The belt or band F can be changed to correspond with respective route over which the cars run.

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

1. In a combined station-indicator and calendar, the combination, with an apertured casing, of the rollers D D', the roller G, the belt or band F, the knobs E, provided with the notches E' in their hubs and connected to the said rollers, and the spring-catches H on

the casing and engaging the notches of the knobs, substantially as herein shown and described.

2. In a combined station-indicator and calendar, the combination, with an apertured casing provided with the partition I, of the rollers K K' K<sup>2</sup>, the belt J, the knobs L' L<sup>2</sup> on the trunnions of the rollers K K', and having notched hubs, the rollers N N' N<sup>2</sup>, the knob P on the trunnion of the roller N', and having a notched hub, the endless belt O, and the spring-catches H engaging the notched hubs of the said knobs, substantially as herein shown and described.

FRANCIS C. JONES.

Witnesses:

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