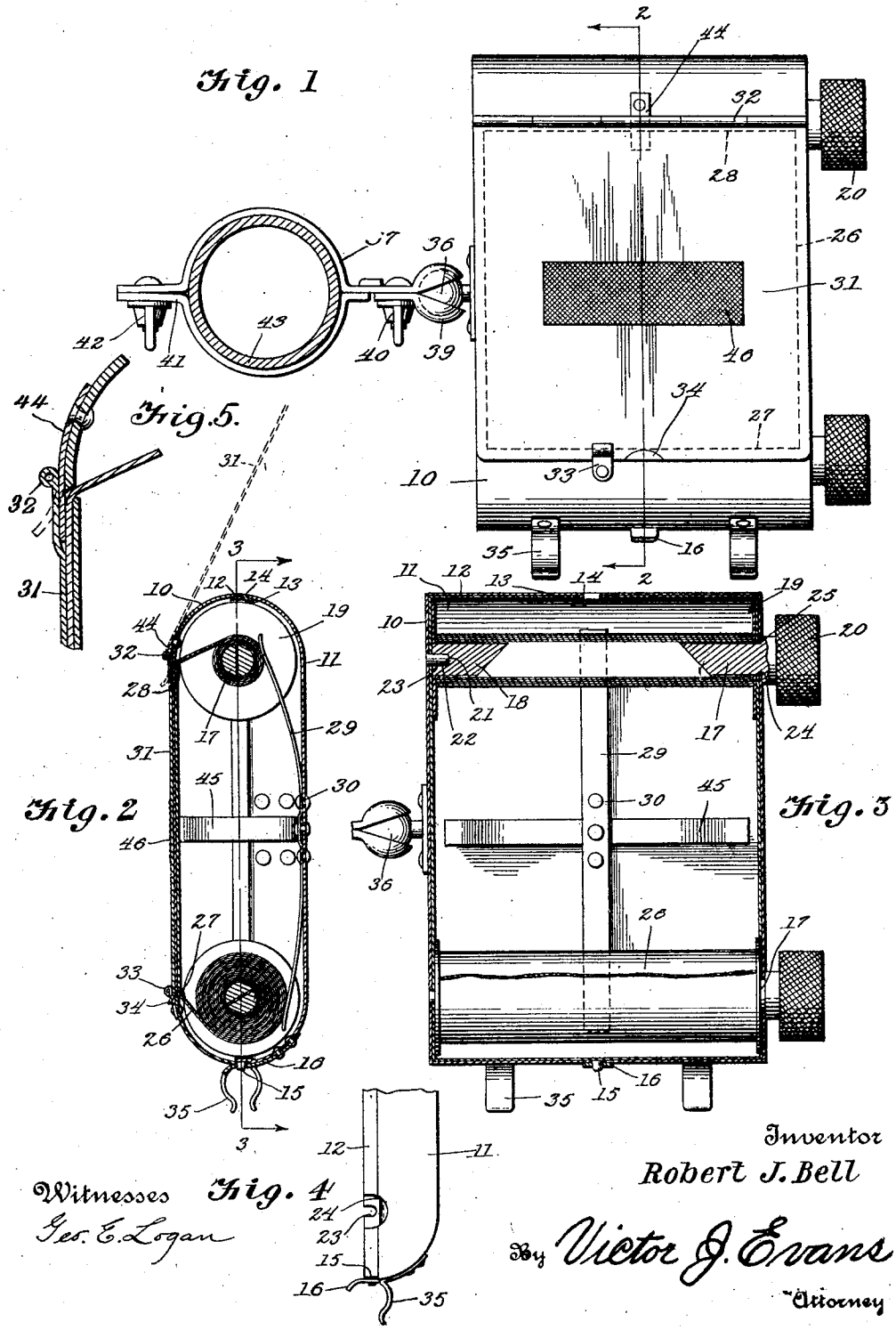
R. J. BELL.

MEMORANDUM DEVICE.

APPLICATION FILED MAY 26, 1919.

1,360,714. **Patented Nov. 30, 1920.**



UNITED STATES PATENT OFFICE.

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MEMORANDUM DEVICE.

1,360,714. Specification of Letters Patent. Patented Nov. 30, 1920.

Application filed May 26, 1919. Serial No. 299,936.

To all whom it may concern:

Be it known that I, ROBERT J. BELL, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented new and useful Improvements in Memorandum Devices, of which the following is a specification.

This invention relates to memorandum devices, the object being to provide a simple, neat and inexpensive device, which may be secured to the steering post, or other convenient part of a motor vehicle for the purpose of recording the cost of operation of the vehicle, and for various other purposes.

Another object of the invention is the provision of a device of this character, which includes a record strip contained within a separable housing, so that reference may be made to the strip at any time.

Another object is to provide a strip which is protected, but which is at all times convenient for use, a portion of the strip being exposed for the purpose of making notations, but being normally protected by a cover or plate.

Other objects and advantages of the invention will appear as the following description is read in connection with the accompanying drawings.

In the drawings:

Figure 1 is a plan view of a memorandum device embodying the present invention and shown clamped upon a suitable support, which may be the steering post of an automobile.

Fig. 2 is a sectional view on the line 2—2 of Fig. 1.

Fig. 3 is a similar view on the line 3—3 of Fig. 2.

Fig. 4 is a side view of one of the casing sections.

Fig. 5 is a detail sectional view illustrating the means for actuating the cover plate.

Referring to the drawings in detail, wherein like characters of reference denote corresponding parts, the invention comprises a casing, which is made up of sections 10 and 11, removably joined together to provide a container. These sections are formed with overlapping or telescopic edges 12 and the section 10 carries an inwardly extending lug 13, which is adapted to pass through an opening 14 in the other section to secure one end of the sections together. The opposite end of the section 10 is provided with a lug 15, which is detachably engaged within an aperture formed in the free end of a spring detent 16 carried by the section 11. By this means the two sections 10 and 11 are securely held together in a manner to permit of their ready disassociation when desired. Mounted in each end of the container or casing, is a spool 17. These spools are similar in construction and comprise a shank 18, which is provided near each edge with a flange 19, the shank being extended at one end of the spool and having mounted thereon a knurled operating member 20.

The opposite end of each of the spools 17 is provided with a socket 21 for the purpose of receiving a pin 22, which is carried by the section 10 and extends through a slot 23 in the section 11. At the opposite side both of the sections are provided with notches 24, which, when the sections are assembled provide a circular opening and provide a bearing for this end of the spool. At this end the shank of the spool is enlarged to provide a shoulder 25, which bears against the outside of the casing or container.

Connecting the spools 18, is a record strip 26, this strip passing from one spool through a slot 27 formed in the section 10 and extending along the outer surface of the section and passing within the container or casing through a slot 28 for connection with the other spool. By this means the spool may be transferred as it is used, from one spool to the other, the length of the strip upon the outside of the casing providing a surface for notes or memorandum, which, as the strip is used, may be wound upon the receiving spool. The record strip is tensioned through the medium of a leaf spring 29, which is riveted, or otherwise secured to the interior of the section 11, as shown at 30, and has its free end in yielding engagement with the strip upon the spool.

In order to protect the portion of the spool upon the outside of the casing, there is provided a cover or plate 31, which is hinged adjacent one end of the casing, as shown at 32 and is provided at its opposite end with a spring catch 33, so as to be held against accidental movement. The plate or cover 31 is also provided with a finger notch 34. At one end of the casing or con-

tainer there is provided a pair of spaced spring clips 35 for the reception of a pen or pencil.

Secured to one side of the section 10 of the casing, is a ball or stud 36, the latter being removably connected to a bracket 37 by means of a split socket 39, one section of which is adjustable by means of a set screw 40, so that a ball and socket joint is provided between the bracket and the casing, the said joint being capable of regulation, so that the casing may be held in any desired position. The bracket 37 is of circular formation and is split and provided with apertured lugs 41, for the passage of an adjusting screw 42, by means of which it may be removably secured to a support 43, which may be the steering column of an automobile.

To increase the convenience of the device, there is provided a spring 44, which is secured at the top of the section 10 and extends beneath the cover plate 31, so that when the spring catch 33 is released the said cover will be forced upward to expose the memorandum strip. The spring 44 will also prevent this other plate from rattling. Within the casing and secured to the spring 29, is a bowed spring 45, the ends of which bear against the inner wall of the section 10 and acts to force the section outward or in opposite directions and prevents relative movement of the two sections, such as might be caused by vibration. The cover plate 31 is also provided with a roughened or serrated portion 46 to provide a match scratcher.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention, what is claimed is:

1. A device of the class described embodying a casing formed of separate sections, overlapping engaging edges for said sections, an inwardly extending lug located adjacent the edge of one section for engagement with an opening in the other section, a spring detent carried by one of said sections, a pin carried by the other section for engagement in an aperture in said detent, a spool rotatably mounted within each end of the container, a record strip passing through parallel slots in one of said sections and having its ends secured to each of said spools and means located within the casing and contacting with the record strip for tensioning the latter.

2. A device of the class described embodying a casing formed of separate sections, overlapping engaging edges for said sections, inwardly extending pins carried by one side of one of the sections, substantially semi-circular notches formed in the opposite side of each section to provide bearing openings, spools passing through said openings and having sockets in the ends for engagement with the pins, a record strip passing through parallel slots in one of said sections and having its ends secured to each of said spools and means located within the casing and contacting with the record strip for tensioning the latter.

3. A device of the class described embodying a casing formed of separate sections, means for detachably connecting the sections together to form a closed container, a spring carried by one section and engageable with the other section to prevent relative accidental movement of the sections, a spool rotatably mounted within each end of the container, a record strip passing through one section of the container and having its ends secured to each of said spools and means located within the container and contacting with the record strip for tensioning the latter.

In testimony whereof I affix my signature.

ROBERT J. BELL.