F. L. WHIMS.

TRAFFIC GUIDE.

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1,250,064.

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Fig. 1.

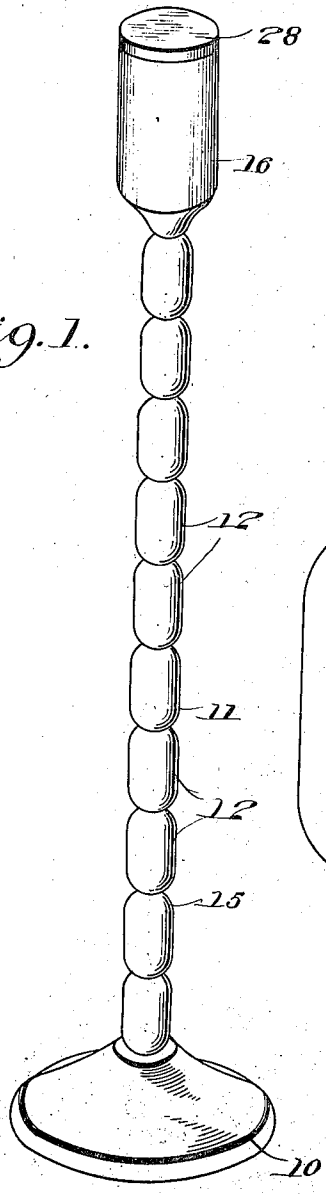


Fig. 2.

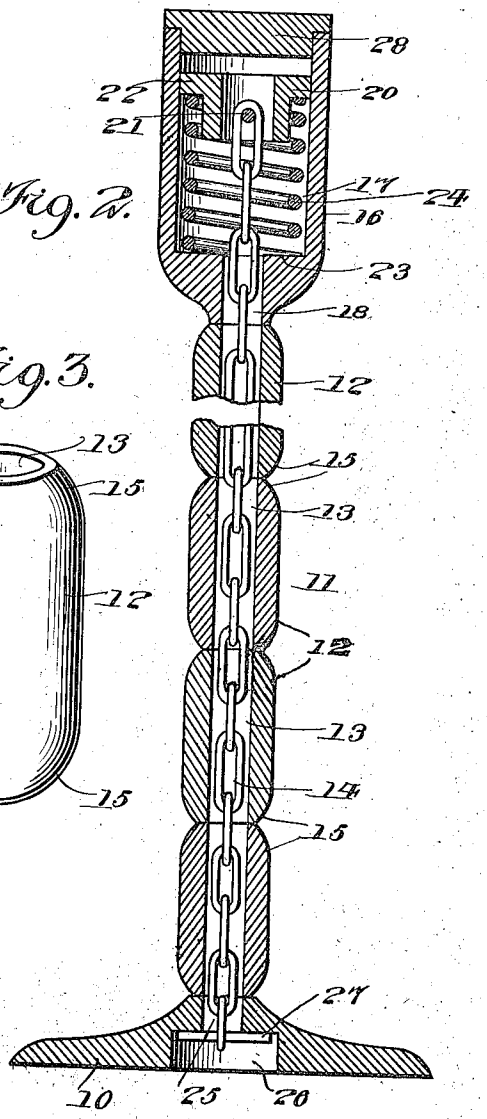


Fig. 3.

WITNESSES

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TRAFFIC-GUIDE.

1,250,064. Specification of Letters Patent. Patented Dec. 11, 1917.

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To all whom it may concern:

Be it known that I, FRANK L. WHIMS, a citizen of the United States, residing at Marysville, in the county of Yuba and State of California, have invented new and useful Improvements in Traffic-Guides, of which the following is a specification.

This invention relates to traffic or zone guides.

The object of the present invention is to provide a staff or support, which is primarily intended for use in marking off restricted traffic zones, such as safety or parking zones, and it is also capable of use where a staff is required which is likely to contact with obstructions, such as the flagstaff of a boat or the like, which might encounter a bridge.

With the above objects in view the invention more specifically stated contemplates the provision of a staff or support which is flexible, in order to permit it to bend from the vertical under pressure, the construction being such that when released the staff will again automatically assume its true position.

The invention consists therefore of a relatively wide base, a sectional standard supported thereon and a spring controlled flexible element passing through the base and standard for normally holding the sections and standard in alinement, to permit it to bend or flex under pressure, and to again automatically assume its true position.

In the drawings,

Figure 1 is a perspective view of the device:

Fig. 2 is a vertical sectional view of the same; and

Fig. 3 is a detailed perspective view of one of the sections or thimbles.

Referring in detail to the drawings, a reference numeral 10 indicates a base which is preferably of circular form to provide a relatively wide support for the standard 11. This standard is of sectional formation and comprises a plurality of sections 12, which in the present instance are shown in the form of thimbles, being provided with a central opening or passage 13. When the sections are assembled these openings are in alinement for the purpose of receiving a flexible element 14 by means of which the sections are secured together and to the base. As shown in the drawings, sections 12 are preferably formed with rounded ends 15, in order that the flexing or bending operation of the standard will be facilitated.

In the present instance the top section 16 is differently formed from the sections 12, it being considerably larger and having formed therein a socket 17 and a restricted passage 18, which latter passage alines with the openings 13 of the other sections.

The flexible element 14 extends within the socket 17 and is connected to a thimble 20 through the medium of a pin 21. This thimble is provided with an annular flange 22 and located between this flange and a seat 23, is a coil spring 24. The seat 23 is formed by the end wall of the socket 17, so that a downward movement of the thimble 20 would be resistant with the spring 24. The base 10 is provided with an alined opening 25, which communicates with the socket 26, which is adapted to form a stop for a transversely arranged pin 27 which passes through one of the links of the flexible element 14, which is herein shown in the form of a chain.

If desired the socket 17 of the section 16 may be closed by a plug 28, or a suitable sign or flag may have its staff seated within the socket 17, which might bear the inscription "Safety" or "Parking zone."

Any number of sections 12 desired may be employed and the height of the device regulated thereby. In assembling the device the flexible element is secured to the thimble 20 and the spring 21 seated within the socket 17. The flexible element then passes through the various openings or passages and is placed under tension with the pin 27 inserted in one of the links of the flexible element.

It is thought from the foregoing description when taken in connection with the accompanying drawings, that the operation and construction and advantages of the invention will be apparent. The right is reserved to make such changes as fall within the scope of the appended claims.

Having described the invention, what is claimed is:

1. A device of the class described comprising a base, a sectional standard removably mounted thereon, said standard comprising a plurality of contacting sections provided with openings therethrough, a top section having a socket therein and a restricted opening adapted to aline with the openings of the other sections, a flexible

element extending through said openings, a thimble slidably mounted within said socket and connected to said flexible element, a resilient element interposed between said thimble and the lower wall of the socket and means for engaging the other end of said flexible element to secure the sections to the base under tension.

2. A device of the class described comprising a base, a sectional standard removably mounted thereon, said standard comprising a plurality of contacting sections provided with openings therethrough, a top section having a socket therein and a restricted opening adapted to aline with the openings of the other sections, a chain extending through said opening, a resiliently mounted member connected to one end of said chain and a pin adapted to be passed through one of the links of the chain and seated within a socket in the base for securing the other end of the said chain to the base, whereby the sections may be secured to said base under tension.

3. A device of the class described comprising a base, a sectional standard removably mounted thereon, said standard comprising a plurality of contacting sections provided with openings therethrough, a flexible element extending through said openings and having one end connected to said base, a movable member connected to the opposite end of said element and a spring located beneath said movable member.

4. A device of the class described comprising a base, a standard mounted thereon, said standard comprising a plurality of independent sections provided with openings therethrough, a flexible element extending through said openings, a movable member connected to one end of said element, a spring located beneath said movable member and means comprising a transversely disposed pin engaged with the opposite end of said chain and abutting said base, for removably holding the sections together.

In testimony whereof I affix my signature.

FRANK L. WHIMS.