No. 764,997. PATENTED JULY 12, 1904.

F. A. FINCH.

CANE.

APPLICATION FILED MAR. 16, 1904.

NO MODEL.

Fig. 1.

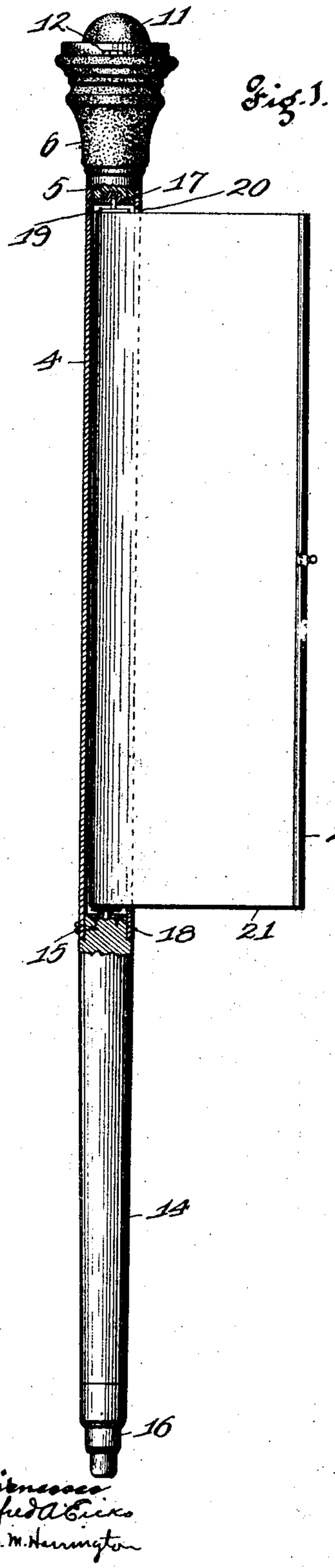
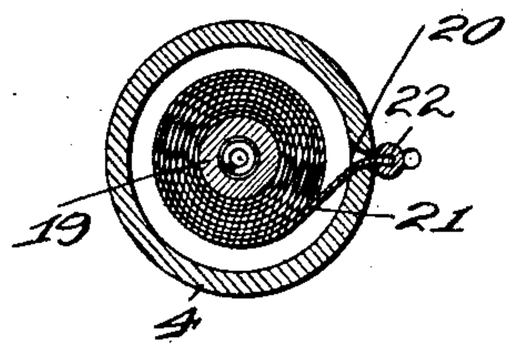


Fig. 2.



Witnesses
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No. 764,997. Patented July 12, 1904.

UNITED STATES PATENT OFFICE.

FREDERICK A. FINCH, OF ST. LOUIS, MISSOURI.

CANE.

SPECIFICATION forming part of Letters Patent No. 764,997, dated July 12, 1904.

Application filed March 16, 1904. Serial No. 198,500. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. FINCH, a citizen of the United States, residing at St. Louis, Missouri, have invented certain new and useful Improvements in Canes, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to canes; and it consists of the novel features herein shown, described, and claimed.

In the drawings, Figure 1 is a sectional elevation of a cane embodying the principles of my invention. Fig. 2 is a cross-section upon an enlarged scale.

Referring to the drawings in detail, the metallic tube 4 has a plug 5 inserted into its upper end, and the cane-head 6 is fixed upon the plug 5. The metallic tube 4 forms the upper half of the cane-staff, and the lower section 14 of the cane-staff extends into the lower end of the metallic tube 4 and is held against rotation by the screw or pin 15, inserted through the tube into the end of the section 14. A ferrule 16 is placed upon the lower end of the section 14. The bearing-plate 17 is mounted upon the lower end of the plug 5, and a bearing-plate 18 is mounted upon the upper end of the section 14 within the tube 4. A spring-roller 19, similar to a Hartshorn roller, is placed in the tube 4, with its spindles extending into the bearing-plates 17 and 18. A slot 20 is formed longitudinally of the tube 4, and an apron 21 is wound upon the roller 19 within the tube 4, with its edge extending outwardly through the slot 20, and a stop 22 is attached to the outer edge to be manually engaged for the purpose of drawing the apron 21 outwardly through the slot and to prevent said apron from drawing completely through the slot, thereby resisting the tension of the spring-roller. The apron 21 may be a map or chart, or it may contain a variety of information useful to the person who carries the cane. The spring of the roller 19 may be wound or unwound by removing the screw 15 and rotating the section 14 relative to the tube, and when the tension has been properly adjusted this screw should be replaced.

My improved cane is intended, primarily, for use by people visiting the world's fair, and it is intended to print a map of the fair-grounds upon the apron 21 and various other information that will be useful to visitors, and it is obvious that the cane may be similarly employed for the use of visitors to other cities and other expositions.

My improved cane is also intended to be used extensively for campaign purposes. The picture of the candidate and other suitable matter may be printed or painted upon the apron 21, so that when desired the apron may be drawn out of the tube and displayed like a flag.

I claim—

In a cane; a slotted tubular portion; a plug rigidly mounted in one end of the tubular portion; an adjusting-plug mounted in the other end of the tubular portion; bearing-plates carried by the inner faces of said plugs; a spring-roller mounted in said bearing-plates; means for holding the roller against rotation relative to one of the plugs; an apron carried by the spring-roller and extending through the slot of the tubular portion; a cane-head extending from one of the plugs; and a cane-point extending from the other plug; substantially as specified.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

FREDERICK A. FINCH.

Witnesses:
S. G. WELLS,
EDW. M. HARRINGTON.