

No. 688,517.

Patented Dec. 10, 1901.

J. L. HELD.

MATCH SAFE ATTACHMENT FOR BICYCLES.

(Application filed Nov. 24, 1899.)

(No Model.)

Fig. 1.

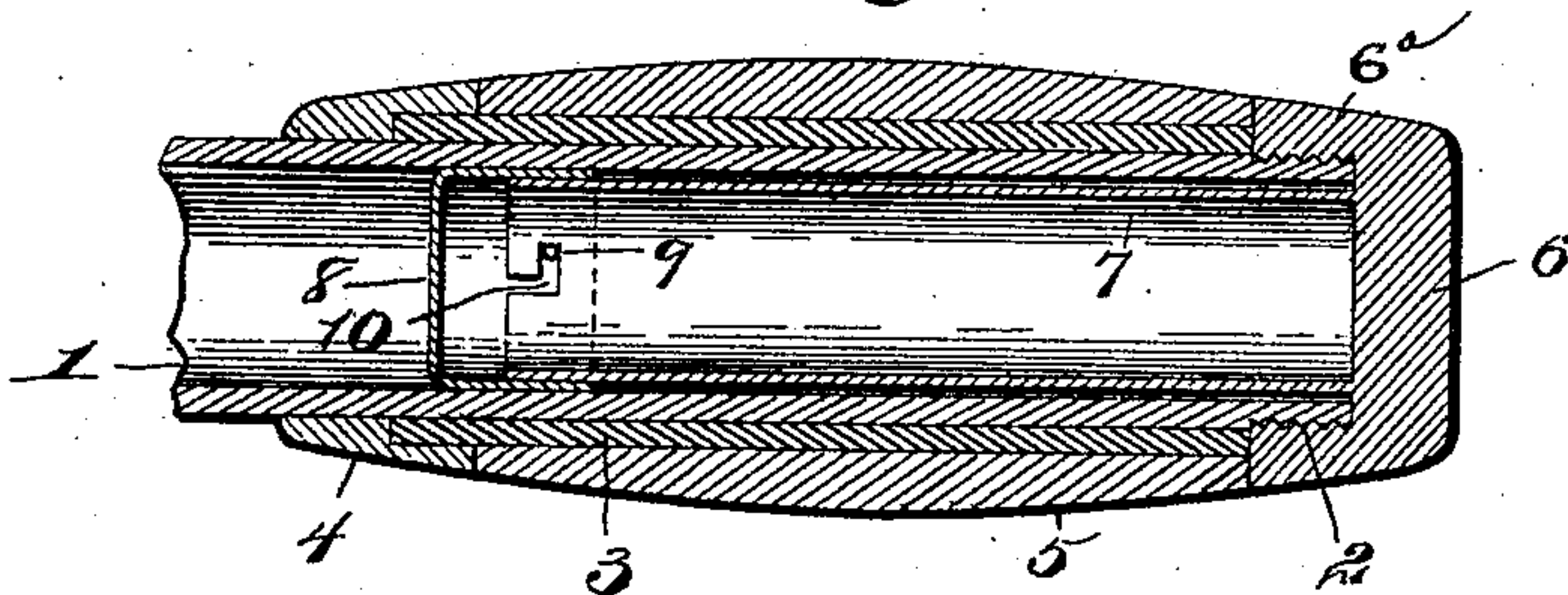
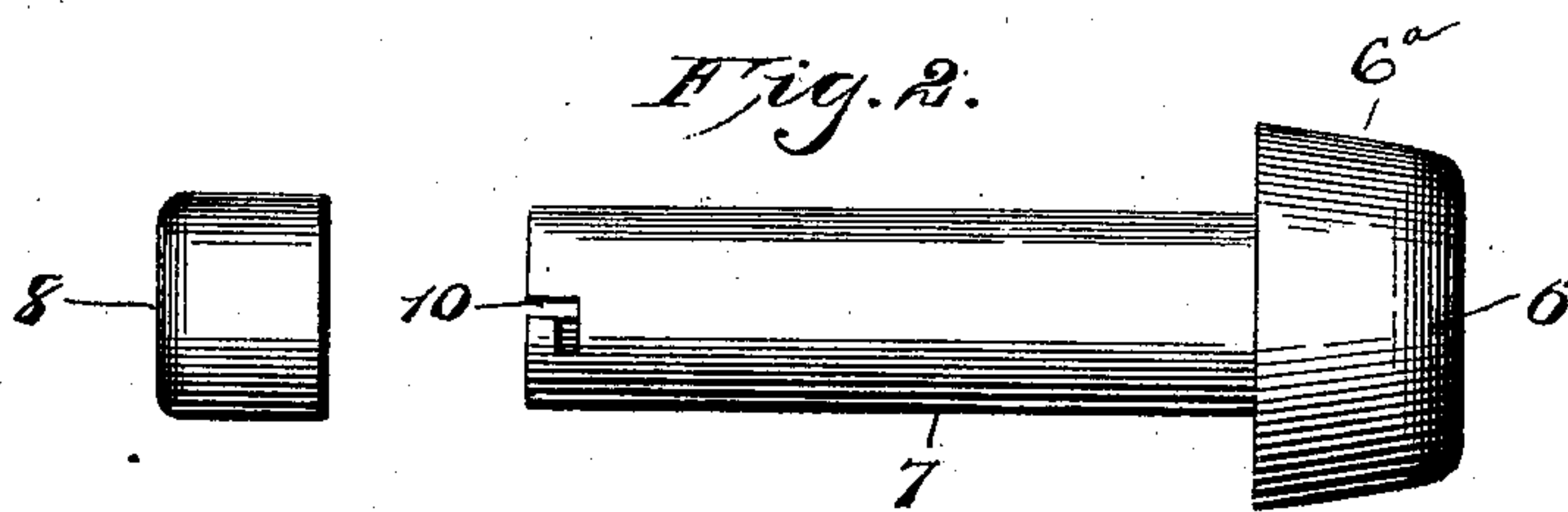


Fig. 2.



Witnesses

Louis D. Heinrichs
B. F. Funk

Inventor
John L. Held

By *Victor J. Evans.*
Attorney

UNITED STATES PATENT OFFICE.

JOHN LEONARD HELD, OF BRIDGEPORT, CONNECTICUT.

MATCH-SAFE ATTACHMENT FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 688,517, dated December 10, 1901.

Application filed November 24, 1899. Serial No. 738,168. (No model.)

To all whom it may concern:

Be it known that I, JOHN LEONARD HELD, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Match-Safe Attachments for Bicycles, of which the following is a specification.

My invention relates to a match-safe attachment for bicycle handle-bars; and its object is to provide a convenient receptacle arranged within the grip of a bicycle handle-bar for containing matches and means for securing the receptacle in position removably.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form a part of this specification, and its novel features will be defined in the appended claim.

In the drawings, Figure 1 is a longitudinal section of a handle-bar grip and match-safe embodying my invention, and Fig. 2 is a longitudinal section of the match-safe detached.

The reference-numeral 1 designates one end of a tubular handle-bar open at its outer end and exteriorly screw-threaded, as shown at 2. A sleeve 3 is fitted over the handle-bar and secured at its inner end by a collar 4, internally recessed to overlap the sleeve. Over the sleeve 3 is fitted the grip proper, comprising a hollow cylinder or sleeve 5, of cork or other suitable material.

6 designates a cap formed with an annular flange 6^a, internally threaded to fit over the threaded end of the handle-bar 1 and having projecting from the inner side thereof a tube 7, of thin metal. This tube may be formed integral with the cap, as shown, or made separate and secured thereto.

The inner open end of the tube 7 is closed by a cap 8, fitting over the tube and secured

thereto by any preferred means. The fastening means shown in the drawings consists of pins 9, projecting from diametrically opposite points on the inner surface of the tube and adapted to engage L-shaped slots 10 in the ends of the tube, forming bayonet-joints.

The tube 7 constitutes the match-receptacle.

The utility and operation of the device will be apparent from the drawings and foregoing description. By unscrewing the cap 6 said cap and the tube 7 may be readily removed, and when the cap is secured in place upon the handle-bar the match-receptacle is securely held in position and protected from the weather.

I claim—

The combination with a hollow handle-bar externally screw-threaded at its outer end, of a collar secured upon the handle-bar and internally recessed; a sleeve fitting upon the handle-bar the inner end of said sleeve extending into the recess of the collar; a hollow cylinder formed in a single piece fitting upon said sleeve and abutting at its inner end against said collar and a match-safe comprising a tube fitting within the handle-bar, and a cap at the outer end of said tube formed integral therewith and having an annular internally-threaded flange engaging the threads of the handle-bar and having its edge abutting against the outer edge of said cylinder, said cap serving the double purpose of a bottom for the match-safe, and a securing means for the outer end of the sleeve and hollow cylinder.

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

JOHN LEONARD HELD.

Witnesses:

LOUIS K. GOULD,
KATHLEEN B. BLIGHT.