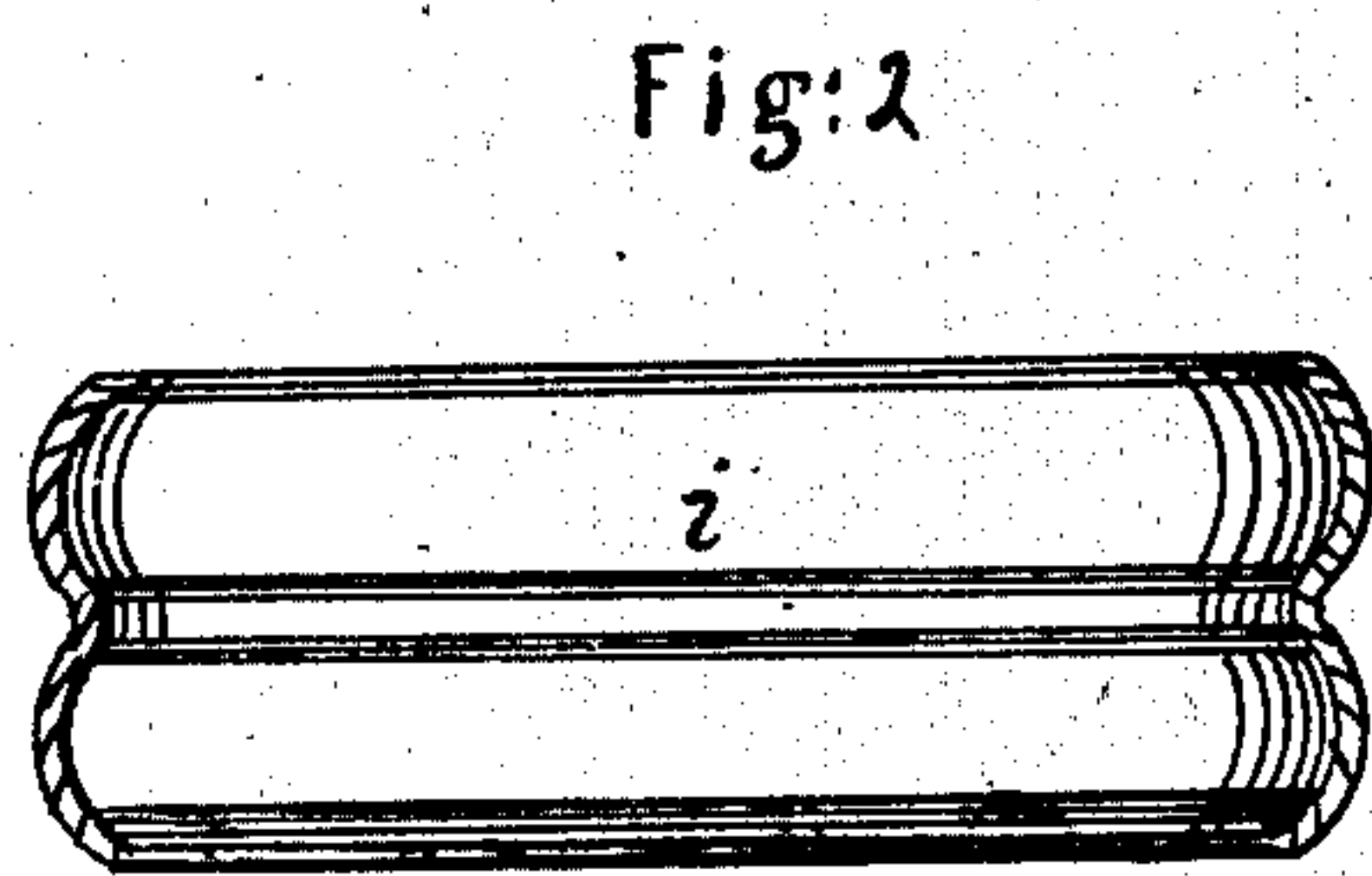
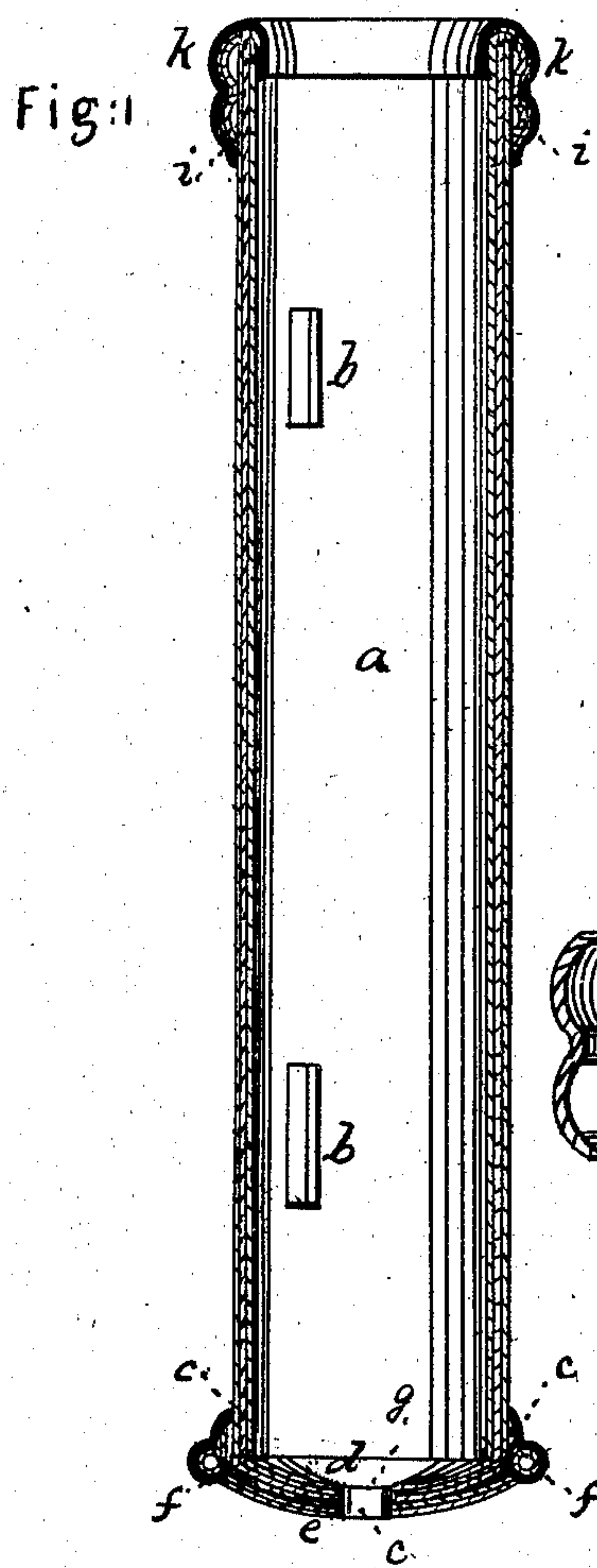


L. Elliot, Jr.
India Rubber Whip Socket.
N^o 62261. Patented Feb. 19. 1867



Witnesses:
Geo. B. Waelder
Chas. H. Smith

Inventor:
Lewis Elliott Jr
per L. H. Terrell
Atty

United States Patent Office.

LEWIS ELLIOTT, JR., OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 62,261, dated February 19, 1867.

IMPROVEMENT IN INDIA-RUBBER WHIP-SOCKETS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LEWIS ELLIOTT, jr., of the city and county of New Haven, and State of Connecticut, have invented and made a certain new and useful Improvement in India-Rubber Whip-Sockets; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a longitudinal section of my improved whip-socket; and

Figure 2 is a section of the metallic ring for the mouth of the socket, shown separately in larger size.

Whip-sockets have heretofore been made of India rubber, with a cord of cotton or hemp around the upper end or mouth of the socket to give it an ornamental appearance, but it is found in practice that the mouth of such sockets speedily loses the circular shape and becomes flattened and almost closed in consequence of the weight of the whip lying against one side, or the socket itself hanging at an inclination; hence such whip-sockets become useless, because the whip cannot easily be inserted or withdrawn. The nature of my said invention consists in an India-rubber whip-socket formed so as to enclose a metallic ring or band around its upper end or mouth that maintains the proper shape of the socket, so that the whip can be easily entered or withdrawn.

I make the cylindrical portion, *a*, of the whip-socket of a piece of India-rubber fabric rolled up, and in which are slots, *b b*, cut for the passage of straps, by which the socket is to be secured in place. The bottom of the socket is formed of an inner disk of rubber, *d*, introduced within the edges of the socket. *c* is a strip of rubber fabric cemented around the outside of the socket *a*, the projecting edges of which are folded down upon the disk *d* and secure it in place. *e* is an exterior cap to the bottom of the socket, and *f* a cord enclosed in a folded strip of India-rubber fabric to form an ornamented bead around said socket at its base. A metallic cap might be introduced in the bottom of the socket, but I prefer the rubber fabric. A hole is formed at *g* to allow any water or dust to pass out. I make use of the metallic band or ring *i* around the upper end of the whip-socket. I prefer that this be made of sheet metal in the beaded form shown, as combining strength with an ornamental appearance given to the enclosing India-rubber strip *k*, which extends from the surface of the socket *a*, over said band *i*, and is turned back into the socket, said band being firmly cemented to the socket, after which the vulcanizing is effected in any usual manner. A metallic socket might be introduced, if desired, within the bottom portion of the India-rubber tube forming the whip-socket.

What I claim, and desire to secure by Letters Patent, is—

The India-rubber whip-socket formed with the metallic ring or band around its mouth or open end, enclosed within the India rubber, in the manner and for the purposes set forth.

In witness whereof I have hereunto set my signature this 28d day of August, A. D. 1866.

LEWIS ELLIOTT, JR.

Witnesses:

HENRY HOTCHKISS,

ABEL B. JACOBS.