

(No Model.)

A. VOLK.
ROPE CLAMP.

No. 405,686.

Patented June 18, 1889.

Fig. 1.

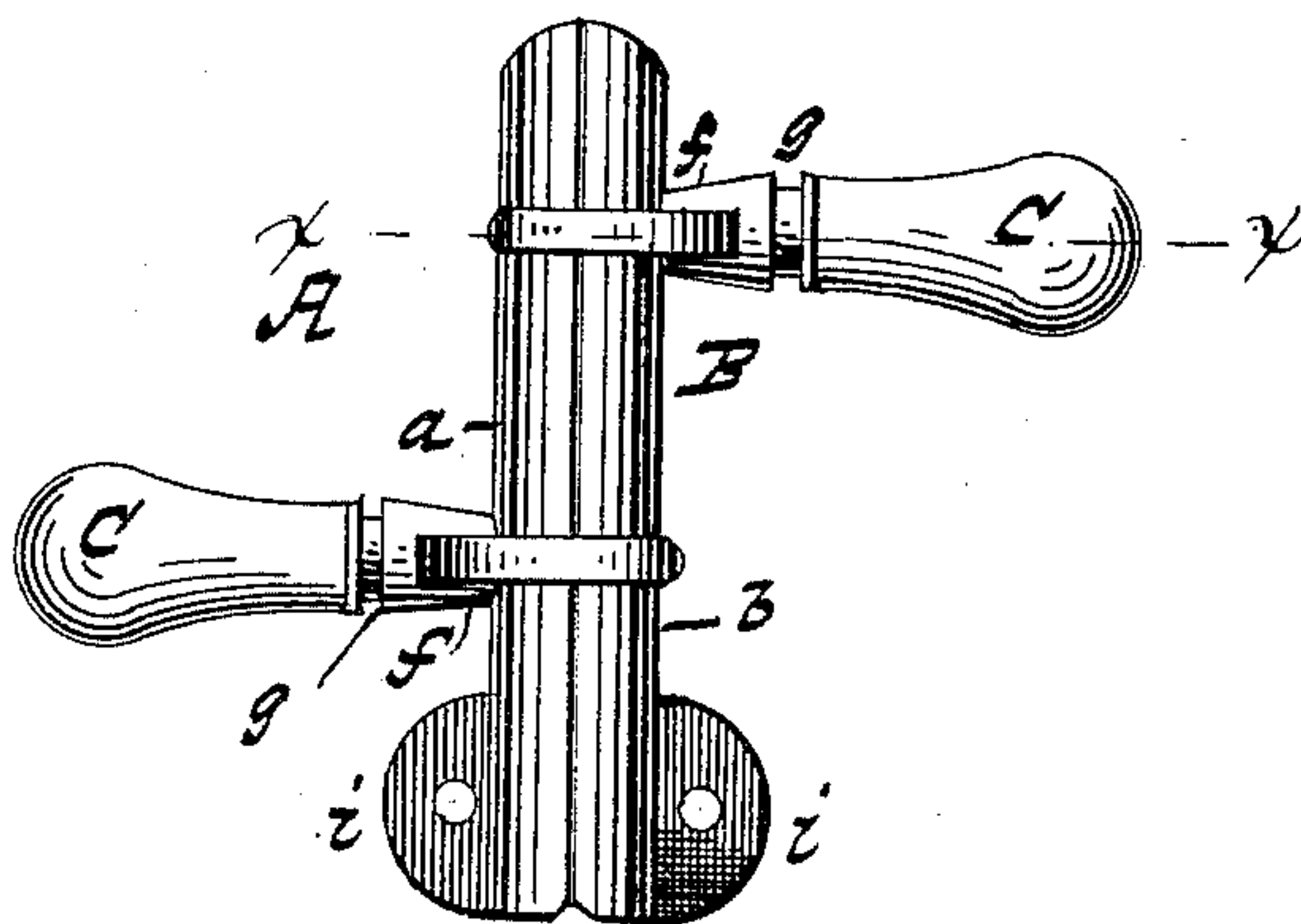


Fig. 2.

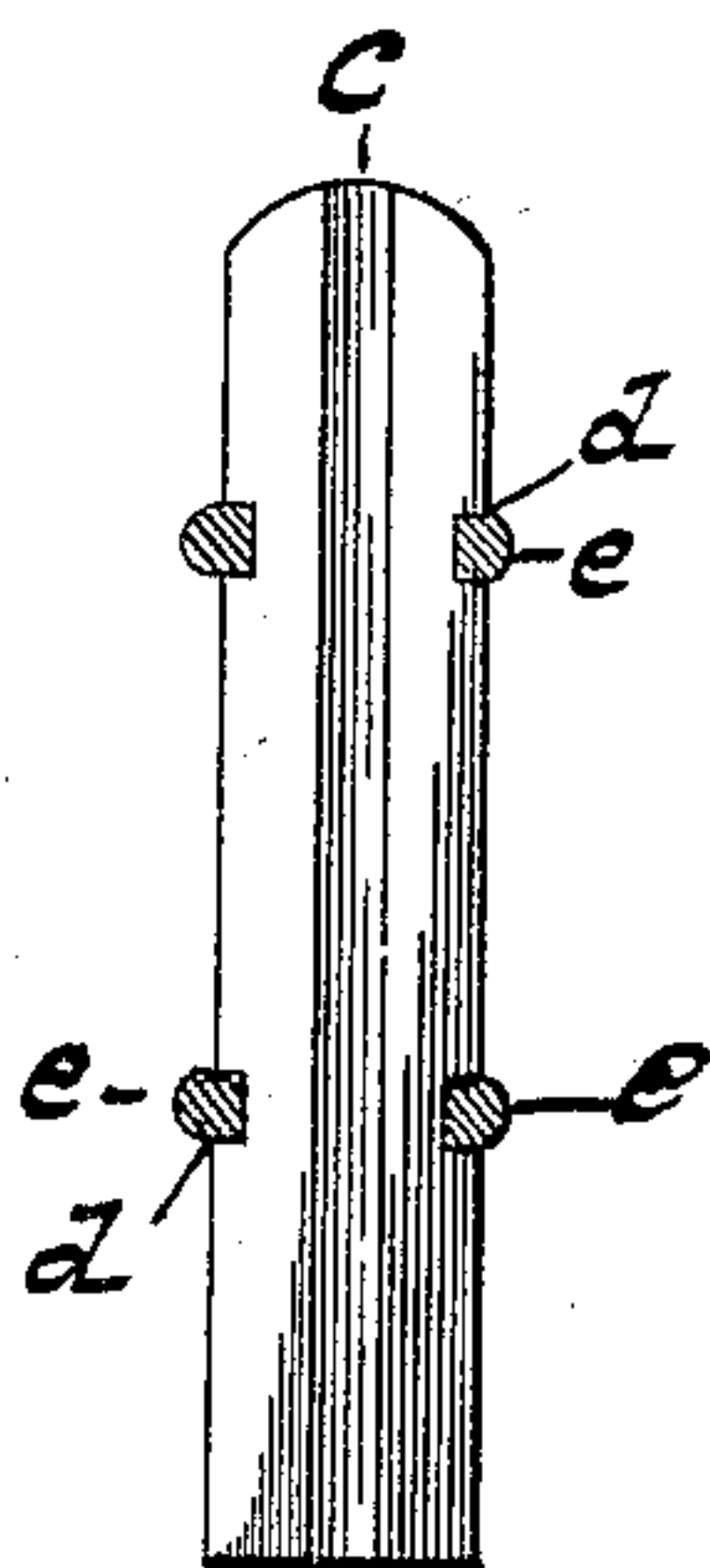
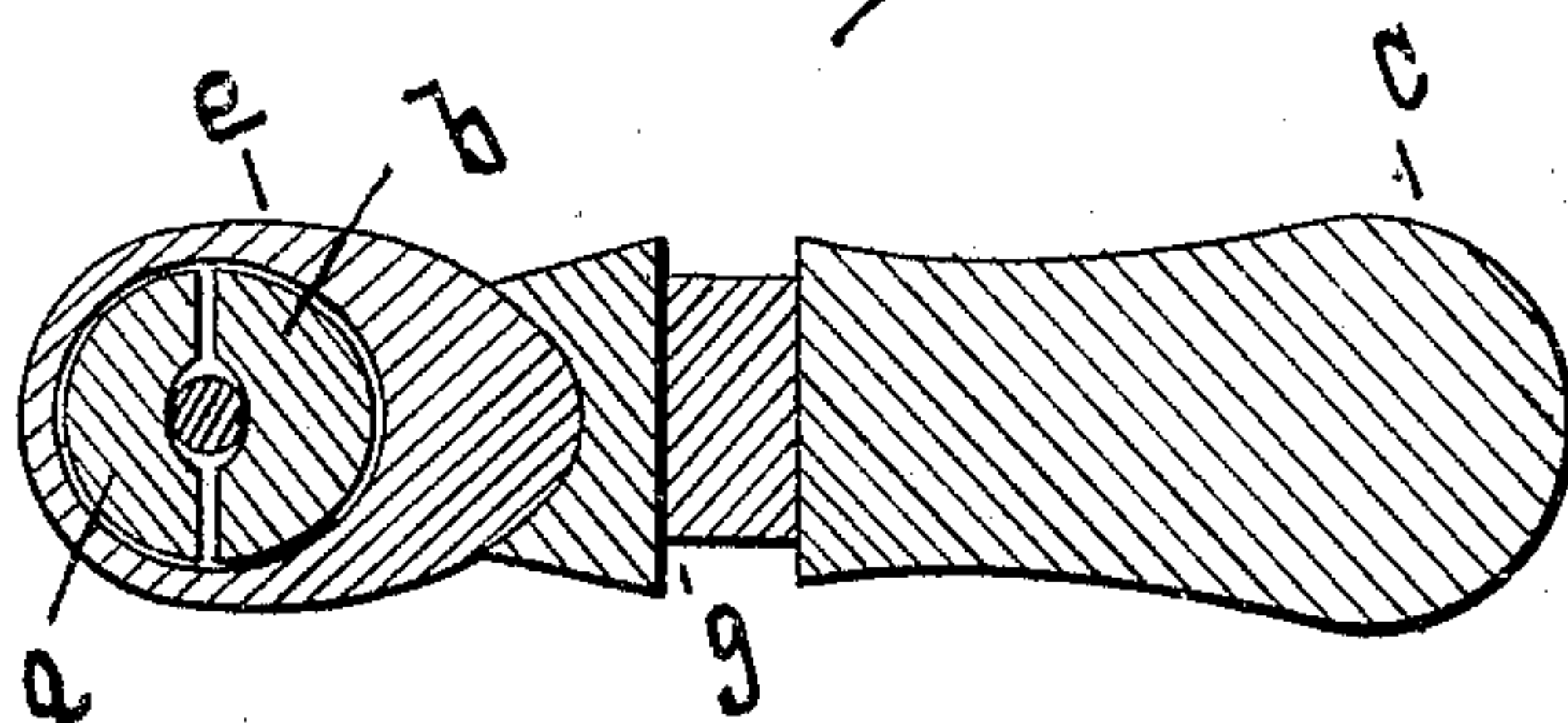


Fig. 3.



Witnesses,

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UNITED STATES PATENT OFFICE.

ADAM VOLK, OF LOCKPORT, NEW YORK, ASSIGNOR OF ONE-HALF TO URIAH LERCH, OF SAME PLACE.

ROPE-CLAMP.

SPECIFICATION forming part of Letters Patent No. 405,686, dated June 18, 1889.

Application filed May 14, 1888. Serial No. 273,834. (No model.)

To all whom it may concern:

Be it known that I, ADAM VOLK, a citizen of the United States, residing at Lockport, in the county of Niagara and State of New York, have
5 invented certain new and useful Improvements in Rope-Clamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

My invention relates to an improvement in rope-clamps designed for an enlarged variety of uses, and particularly adapted for use in connection with fire-escapes; and the object
15 of the invention is to provide a device of the character mentioned, whereby the rope may be quickly and easily clamped and unclamped.

A further object of the invention is to provide a device of this character which shall be simple in its construction, cheap to manufacture, and strong and durable.

With the above objects in view the invention consists in the combination, with a sectional head, of a handle or handles for operating the same to clamp a rope.

The invention still further consists in the features of construction and combination of parts, as will be hereinafter more fully described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a rope-clamp embodying my invention. Fig. 2 is a transverse vertical section of the same, and Fig. 3 is a horizontal section
35 on the line *x x* of Fig. 1.

Corresponding parts in the several figures are denoted by the same letters of reference.

Referring to the drawings, A represents the clamp, which consists of a head B and suitable handles C, for operating said head to clamp the rope. The head B consists of two parts or sections *a b* of any desired or suitable length. Each of the parts or sections *a*
40 *b* is formed with a groove or depression *c*, ex-

tending its entire length, thereby forming a 45 channel for the passage of the rope to be clamped. The said parts or sections *a b* of the head are also formed on their outer faces, near their upper and lower ends, with grooves or depressions *d*, and fitting in said grooves 50 or depressions are collars *e*, which encircle the head. The said collars each have an extension on one side, and said extensions are received between the bifurcated ends *f* of fer-
55 rules *g*, fitted on the ends of handles C.

The sections *a b* of the clamp may be formed with ears or lugs *i*, having suitable perforations for the attachment of any desired device thereto.

The collars *e* are formed eccentrically on 60 their engaging faces, and the grooves *d* are similarly formed, so that a slight turn of the handles serves to bind the head on the rope at each end, while a slight turn in the reverse direction serves to loosen the clamp and per- 65 mit the rope to slide therethrough.

A clamp constructed as above described is simple, cheap, and durable, and its operation thoroughly positive and effective.

Having thus fully described my invention, 70 what I claim as new, and desire to secure by Letters Patent, is—

1. A rope-clamp consisting of a sectional head having an eccentric groove or grooves and a handle or handles having each a collar, 75 substantially as set forth.

2. A rope-clamp consisting of a sectional head having eccentric grooves, handles having collars formed with eccentric openings, and attaching-lugs on the head, substantially 80 as set forth.

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

ADAM VOLK.

Witnesses:

A. T. HOPKINS,
A. R. HELMER.