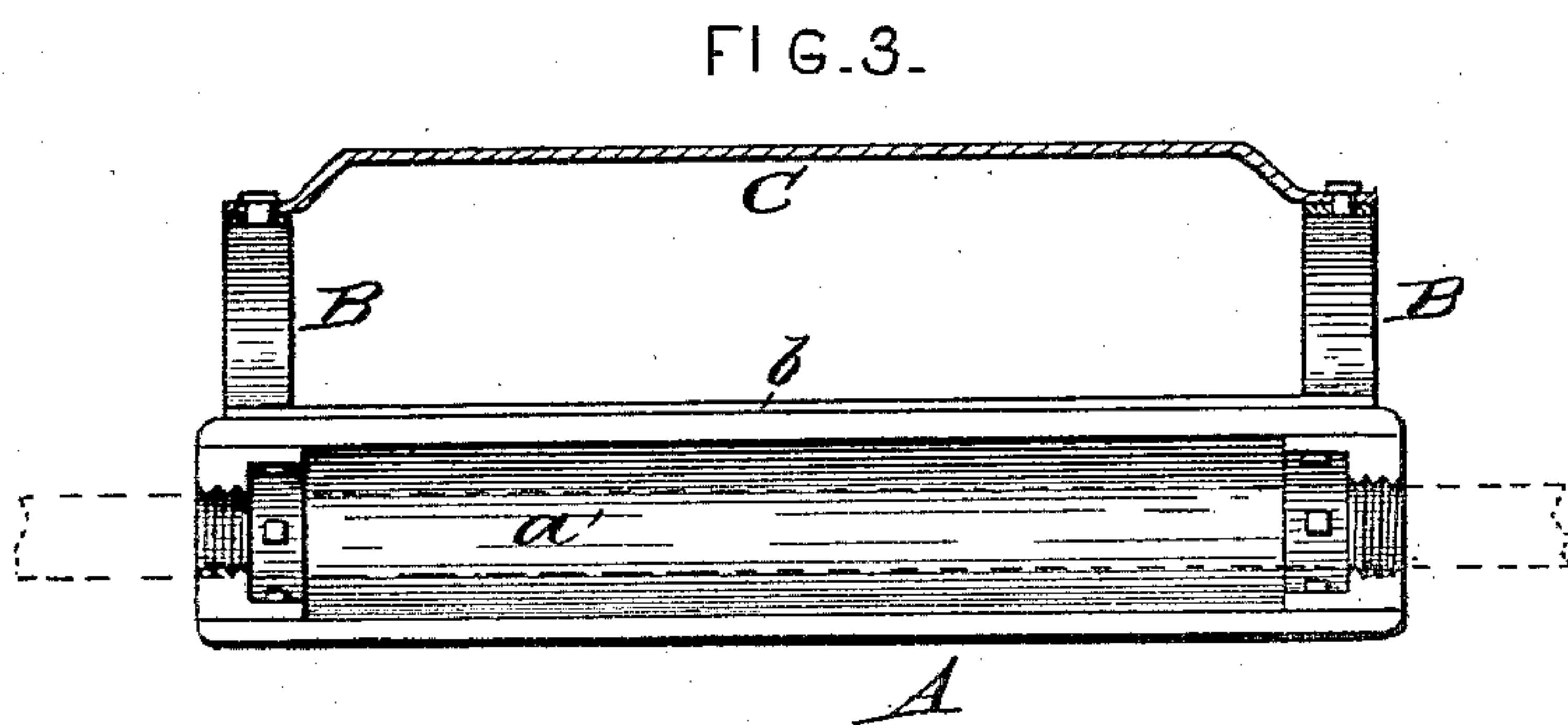
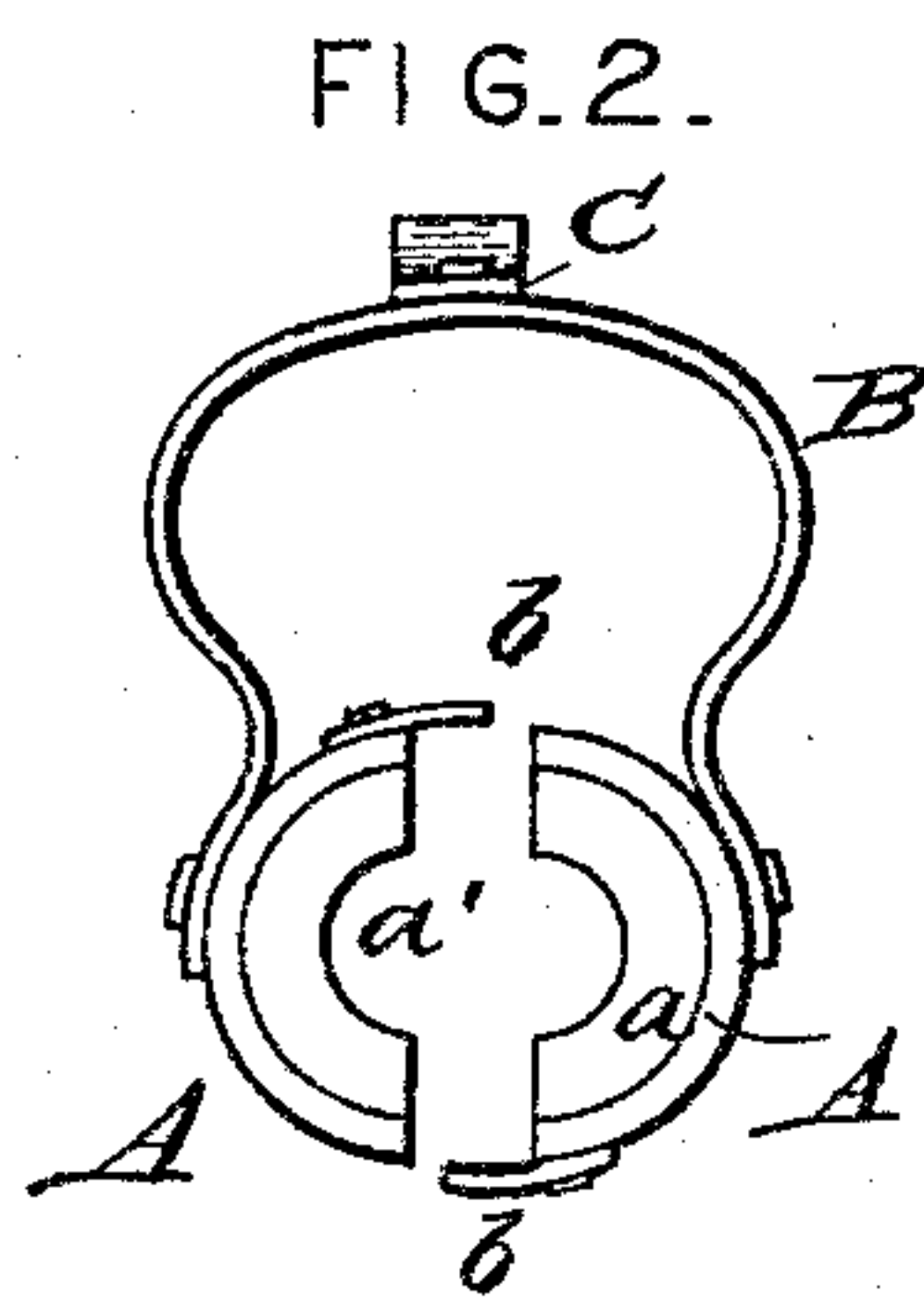
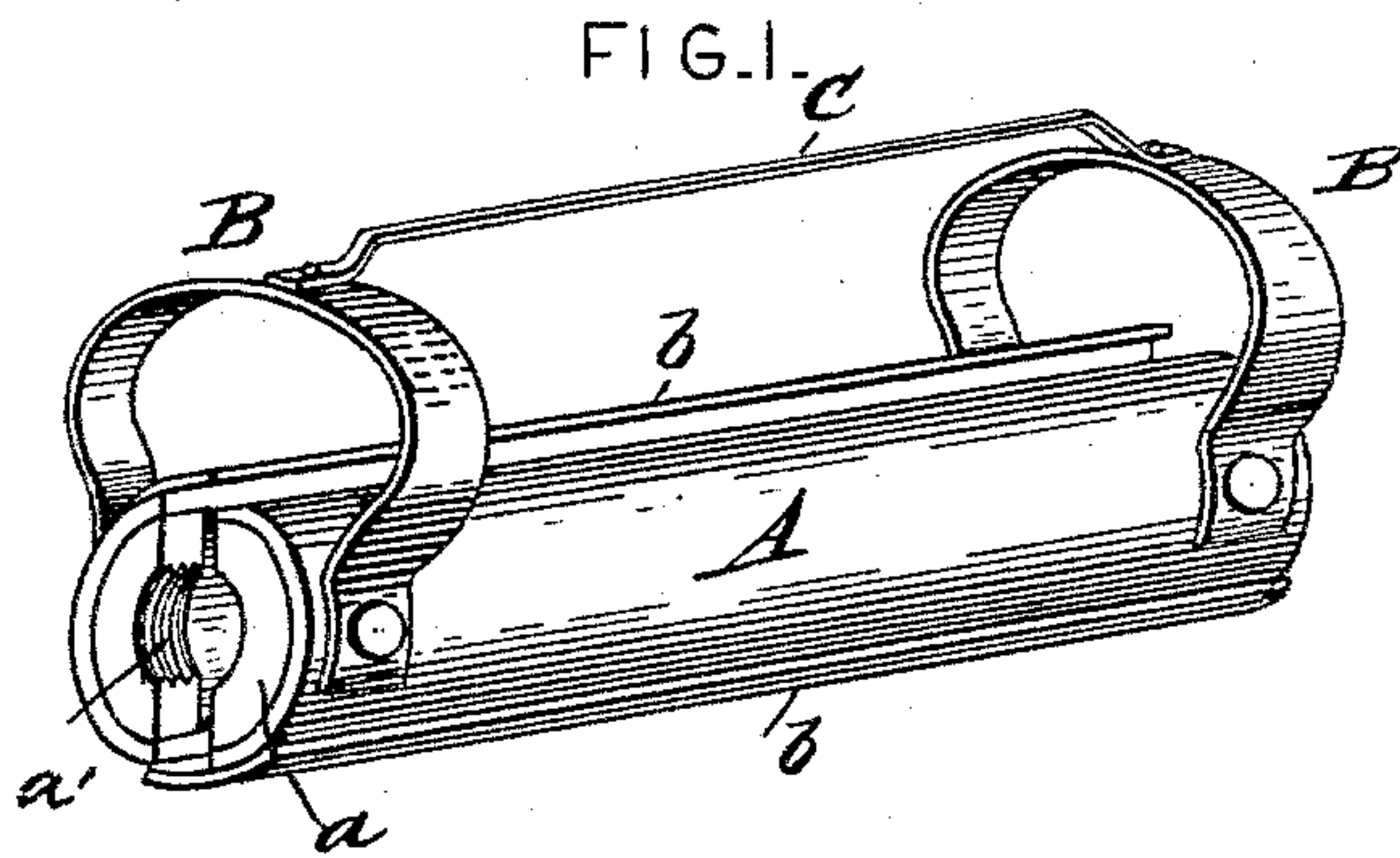


(No Model.)

W. M. TOMPKINS.
GRIP FOR FIRE ESCAPES.

No. 380,302.

Patented Mar. 27, 1888.



ATTEST-

Harry L. Amerz
Chas M. Merle.

INVENTOR-
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UNITED STATES PATENT OFFICE.

WILLIAM M. TOMPKINS, OF BATAVIA, NEW YORK.

GRIP FOR FIRE-ESCAPES.

SPECIFICATION forming part of Letters Patent No. 380,302, dated March 27, 1888.

Application filed September 7, 1887. Serial No. 249,024. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. TOMPKINS, of Batavia, in the county of Genesee and State of New York, have invented certain new and useful Improvements in Grips for Fire-Escapes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The object of my invention is to provide a hand-grip by means of which persons are enabled to slide down a rope without lacerating their hands; and the nature of my invention will be fully set forth in the following specification and claims.

In the drawings, Figure 1 is a perspective view of my grip. Fig. 2 is an end view, and Fig. 3 is a longitudinal section.

Similar letters of reference indicate similar parts in all the figures.

A A are semi-cylindrical jaws, each jaw being formed of a hollow semicircular shell, to the inside of which is riveted at each end a semicircular piece of metal, *a*, having a groove, *a'*, the surface of which groove is corrugated or roughened, for the purpose hereinafter specified.

B B are springs riveted to each end of the jaws, and serving to keep the jaws slightly

apart. These springs are braced together by means of the bar C.

b b are lips secured to the outer surface of the shells, longitudinally thereof, one to each shell and on opposite sides, and are for the purpose of preventing the jaws from pinching the hand when they are closed together.

In using the device the jaws are opened sufficiently to admit the rope, and the pressure of the hand will close them around the rope, the roughened surface of the groove *a'* serving to prevent the grip from sliding on the rope too freely.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a grip, the combination of the two semi-cylindrical jaws A A with the springs B B and brace C, substantially as specified.

2. The semi-cylindrical jaws A, consisting of hollow shells having the semicircular pieces of metal, *a*, riveted to each end, the said pieces of metal having a groove, *a'*, the surface of which is roughened, combined with the springs B, brace C, and lips *b*, substantially as specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WM. M. TOMPKINS.

Witnesses:

GEORGE H. HOLDEN,
CARLOS A. HULL.