

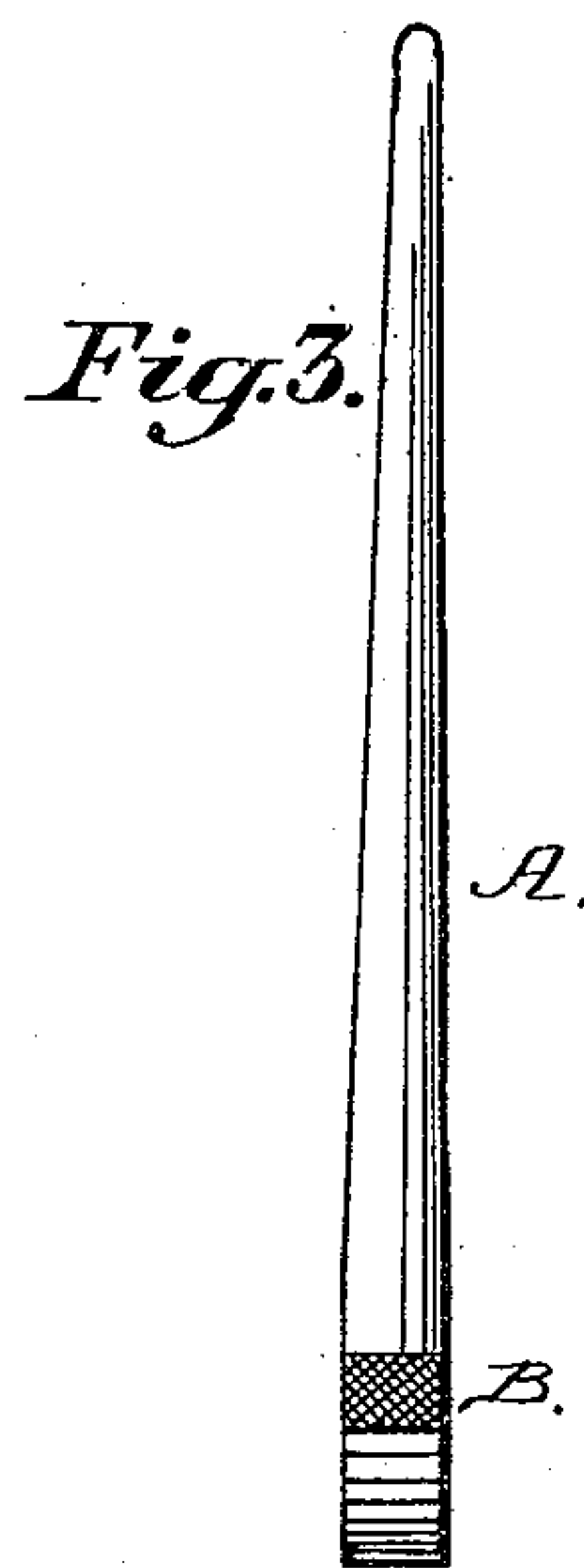
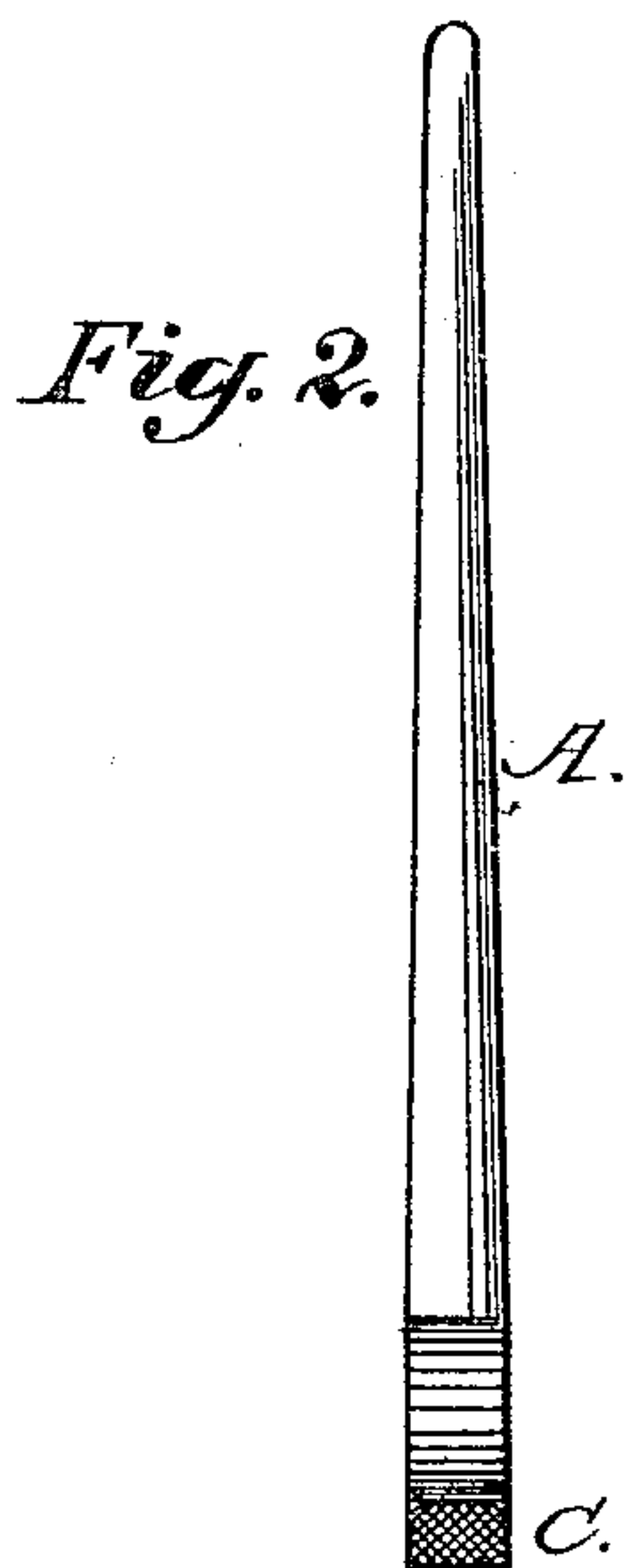
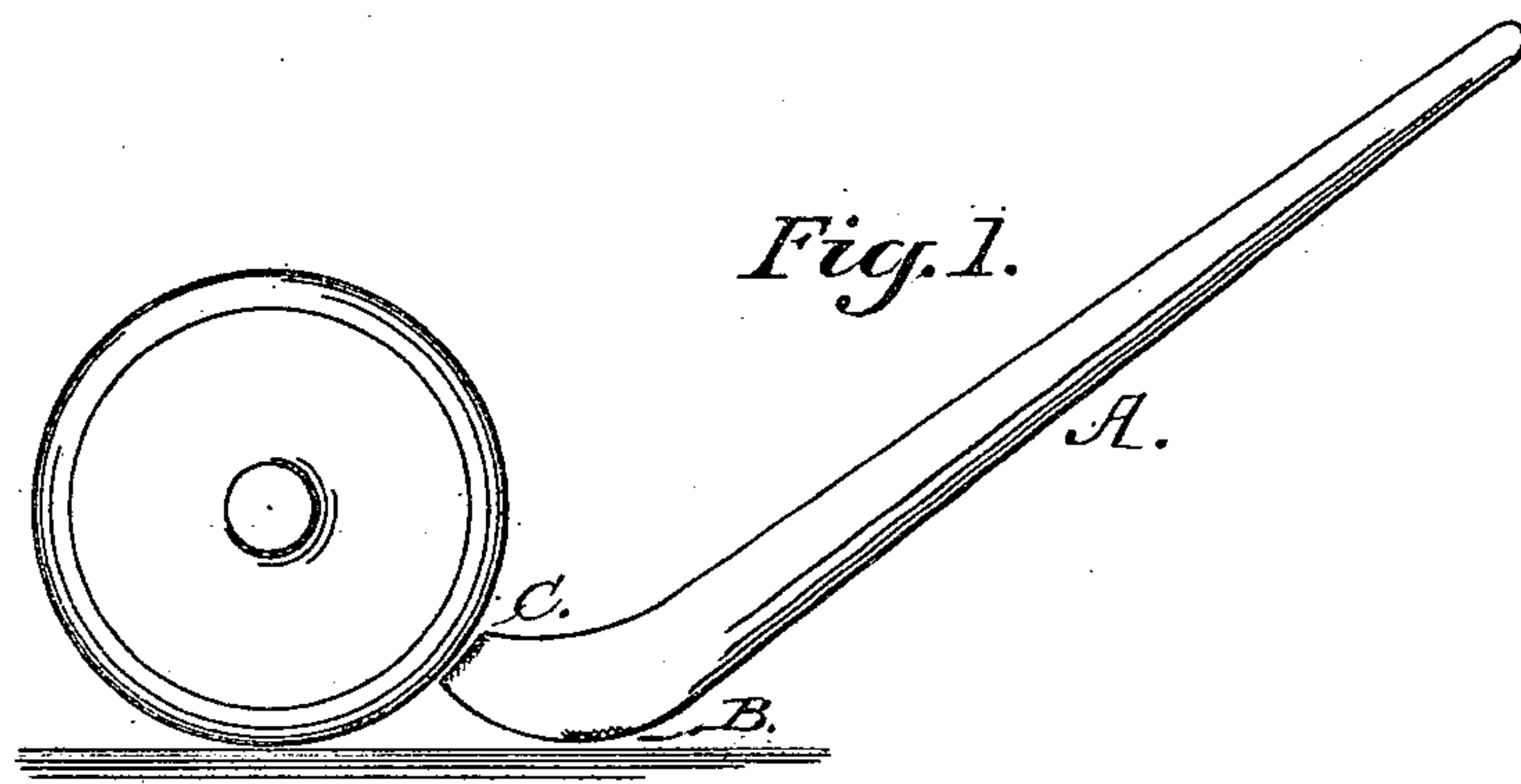
(No Model.)

G. E. MARVINE.

PINCH BAR.

No. 248,941.

Patented Nov. 1, 1881.



WITNESSES

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UNITED STATES PATENT OFFICE.

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PINCH-BAR.

SPECIFICATION forming part of Letters Patent No. 248,941, dated November 1, 1881.

Application filed September 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. MARVINE, a citizen of the United States, residing at Delhi, in the county of Delaware and State of New York, have invented certain new and useful Improvements in Pinch-Bars; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention has for its object to provide an improved pinch-bar for moving railroad cars upon the track or rail, and for various other purposes; and it consists in providing the heel and toe of the bar with a series of corrugations, cuts, or creases, whereby the said bar is prevented from slipping or sliding either upon the track or car-wheel, all as will be hereinafter more fully described, and pointed out in the claim.

In the drawings, Figure 1 is a side elevation of a pinch-bar embodying my improvements; Fig. 2, a front view of the same, and Fig. 3 a rear view thereof.

Similar letters of reference occurring on the several figures indicate like parts.

A represents the bar, the bottom or heel B of which is provided with a series of cuts, creases, or corrugations, as shown in Figs. 1 and 3. The end or toe C of the bar is made tapering upon its face and also provided with a series

of cuts, creases, or corrugations, as fully shown in Figs. 1 and 2. By means of my improved construction the bar A is enabled to take a firm gripe or hold not only upon the rail or track, but also upon the flange of the car-wheel, thereby obviating the disadvantages of the common pinch-bar, which is liable to slip or slide when brought into use.

I do not confine myself to any particular manner of cutting or creasing the heel or toe of the bar, the object sought to be attained being to provide both the heel and toe with such suitable corrugations or creases as will prevent its slipping or sliding at either point.

The advantages of my invention will be readily apparent without a more minute description, inasmuch as it combines in its construction and operation a high degree of cheapness, simplicity, and efficiency, with a ready adaptation to the purpose contemplated.

Having thus described my invention, what I claim as new and useful is—

As an improved article of manufacture, the herein-described pinch-bar, the heel and toe of which are provided with suitable cuts, creases, or corrugations, substantially as and for the purpose specified.

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

GEORGE E. MARVINE.

Witnesses:

C. A. FOOTE,

W. G. EDGERTON.