No. 663,747.

Patented Dec. 11, 1900.

T. GERAGHTY.

CAR STARTER.

(Application filed Oct. 12, 1900.)

(No Model.)

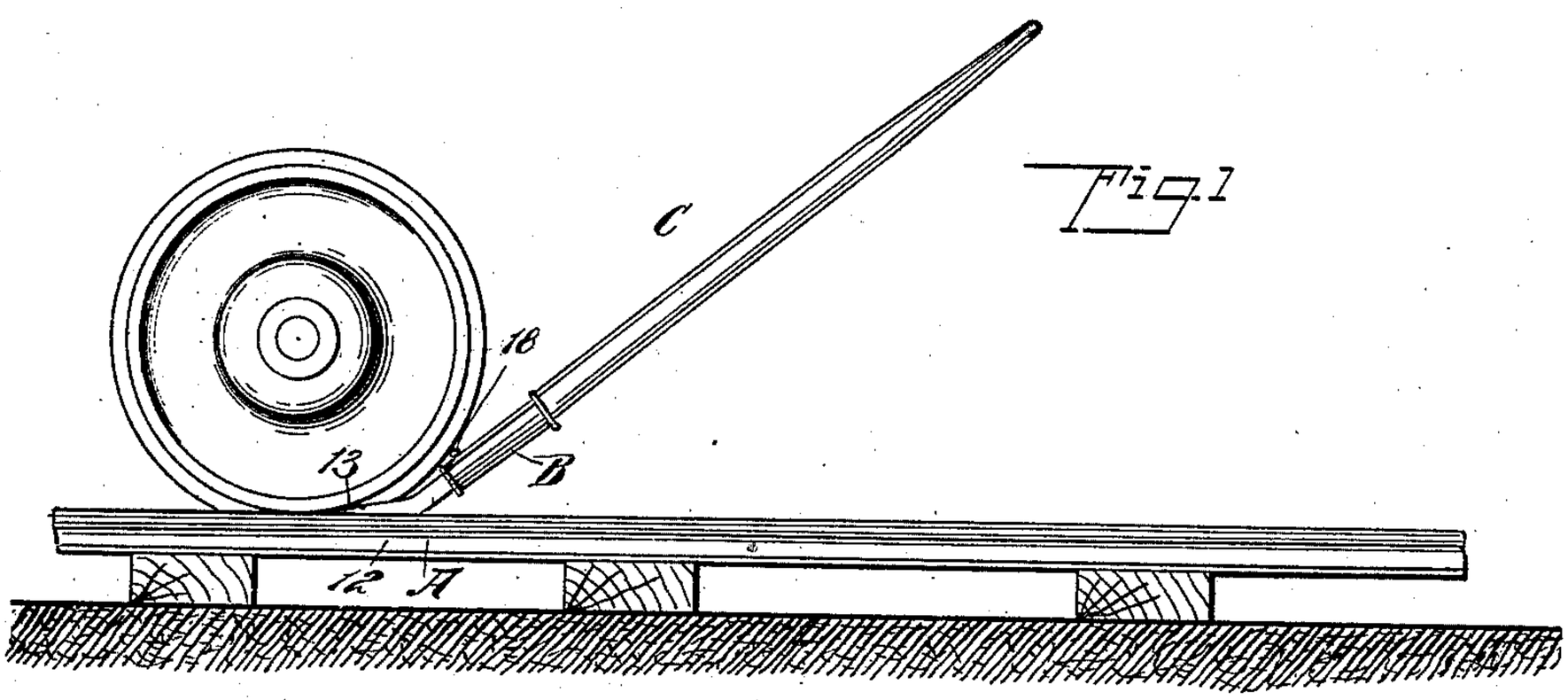

Fig. 1

Fig. 2

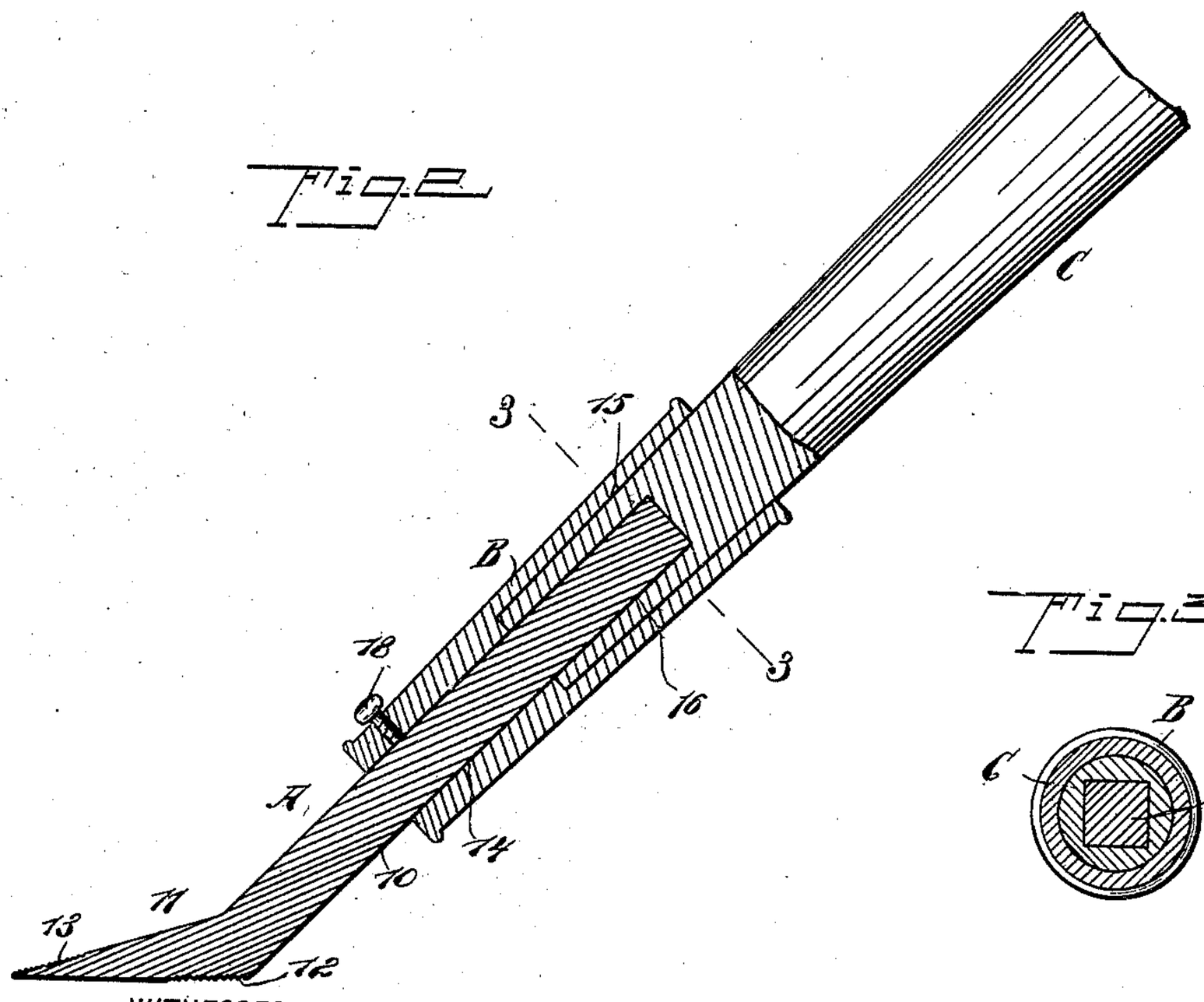

Fig. 3

WITNESSES:

J. A. Cooley

L. Peaslee

INVENTOR

Thomas Geraghty.

BY Munn & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

THOMAS GERAGHTY, OF BAYONNE, NEW JERSEY.

CAR-STARTER.

SPECIFICATION forming part of Letters Patent No. 663,747, dated December 11, 1900.

Application filed October 12, 1900. Serial No. 32,875. (No model.)

To all whom it may concern:

Be it known that I, THOMAS GERAGHTY, a citizen of the United States, and a resident of Bayonne, in the county of Hudson and State of New Jersey, have invented a new and Improved Car-Starter, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a device, which is in the nature of a crowbar, especially adapted for starting freight-cars and to so construct the device that it will be simple, light, and readily taken apart, so that said device may be conveniently carried from place to place or stored in a small space.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improved device, illustrating its application to the tread of a car-wheel. Fig. 2 is a partial side elevation and partial longitudinal section through the device, the view being drawn on an enlarged scale; and Fig. 3 is a transverse section taken substantially on the line 3 3 of Fig. 2.

The device consists, primarily, of three parts—a lower bar-section A, a socket B, in which the bar enters, and a handle C, which enters the socket and engages with the bar-section.

The bar-section A consists of a shank 10, polygonal in cross-section, and a foot 11, the foot being provided with a flat bottom surface and an inclined upper surface, the two surfaces meeting at the toe portion of said foot. Transverse corrugations 12 are formed in the under face of the foot 11 at the heel portion, and transverse corrugations 13 are likewise formed in the upper face of said foot, at the toe-section thereof. The heel-corrugations engage with the track when the foot of the bar is placed thereon and prevent the bar from slipping while it is being applied, and the upper corrugations 13 engage with the tread of the wheel that is to be started through the medium of the bar. The shank 10 of the bar is more or less inclined and enters a bore or channel 14, produced longitudinally in the lower portion of the socket B, said bore or channel 14 being of the same cross-sectional shape as the cross-section of the shank 10 of the bar. This socket is made of metal, and the bore or channel 14 connects with a chamber 15, preferably circular in cross-section. This chamber 15 receives the lower end of the handle C, which handle may be of wood and fits neatly in said chamber, filling the same.

At the lower end of the handle C a longitudinal recess 16 is formed, which snugly receives the upper end of the shank 10 of the bar, which portion of the said shank extends into the said chamber 15 of the socket B. The shank 10 of the bar-section A may be adjusted in the said socket and held as adjusted by a set-screw 18 or its equivalent.

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

As an improved article of manufacture, a car-starter consisting of a bar-section the foot whereof is flat at the bottom and tapering at the top, the foot at its bottom portion having transverse corrugations at the heel portion thereof, said foot being likewise provided with transverse corrugations in its upper face at the toe portion, a socket provided with a bore or channel of the same cross-sectional shape as the cross-section of the shank of the bar, and a chamber connecting with said channel, the said shank being entered in the said channel and made to extend into the chamber of the socket, a fastening device carried by the socket and engaging with the shank of said bar, and a handle fitted to and removable from the chamber in the socket, the handle being provided with a recess which receives the upper end of the shank of the bar, conforming in cross-sectional contour thereto, as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS GERAGHTY.

Witnesses:

ANDREW VAN BUSKIRK,

JOSEPH NAGENGAST.