

No. 705,705.

Patented July 29, 1902.

S. E. PRESSLER.

SAFETY ATTACHMENT FOR TROLLEY CAR VESTIBULES.

(Application filed May 6, 1902.)

(No Model.)

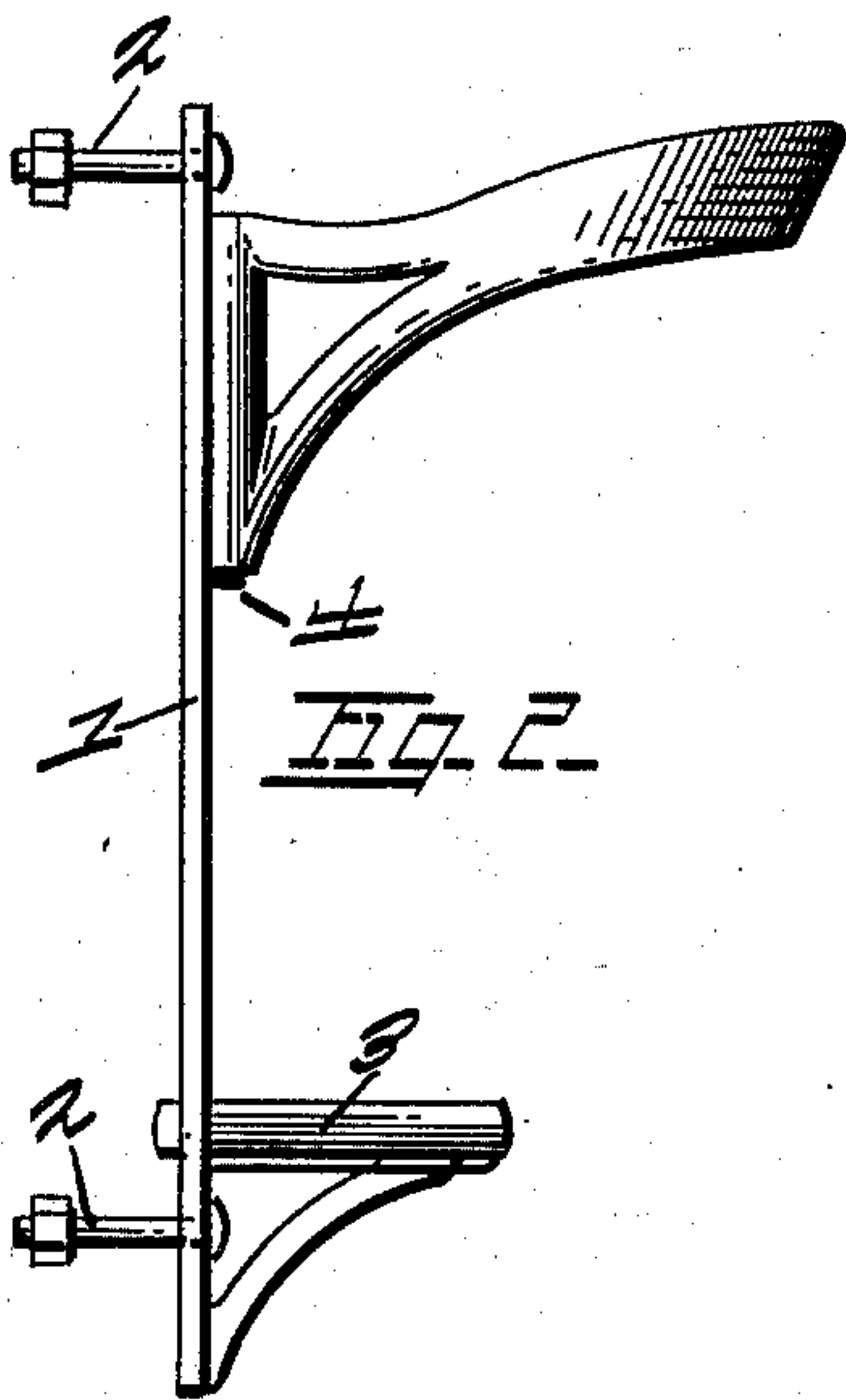
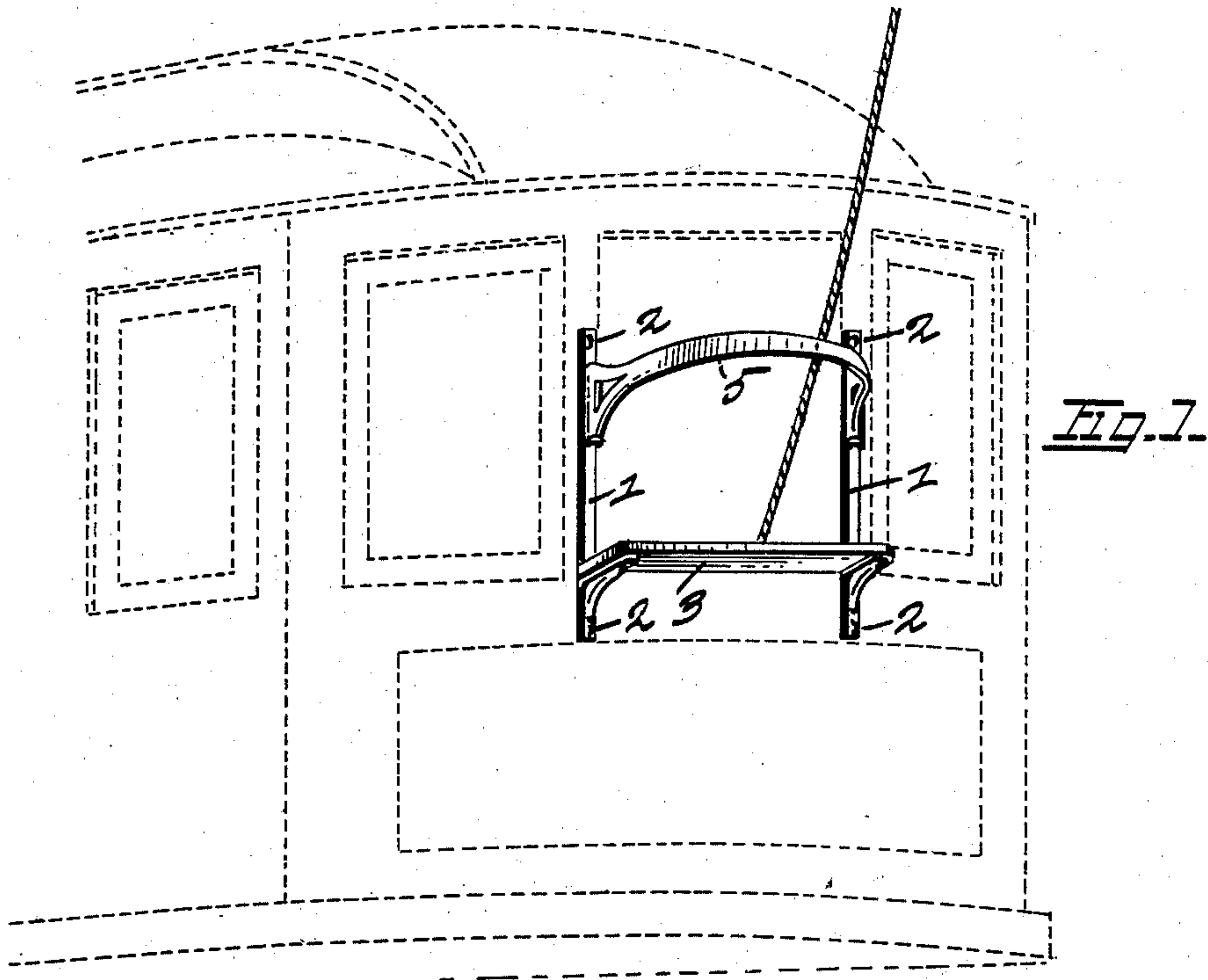
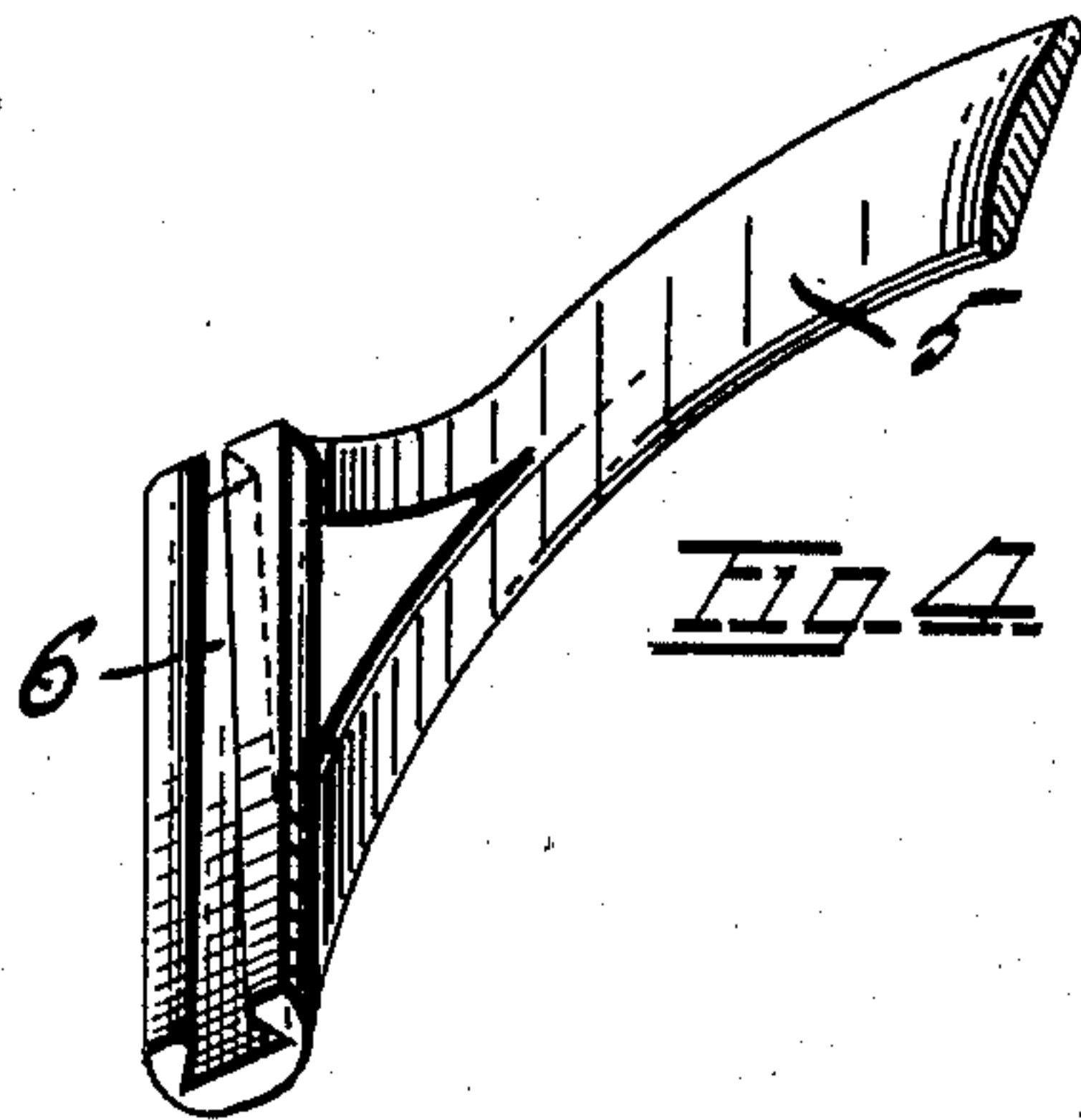
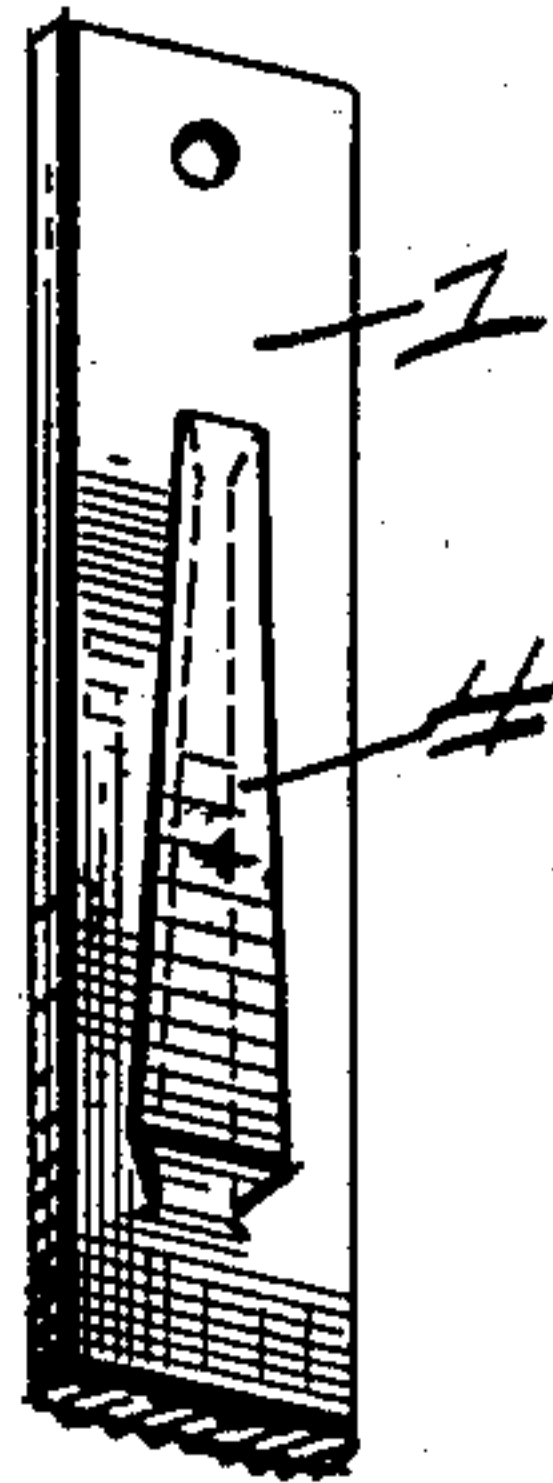


Fig. 3.



WITNESSES

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SAFETY ATTACHMENT FOR TROLLEY-CAR VESTIBULES.

SPECIFICATION forming part of Letters Patent No. 705,705, dated July 29, 1902.

Application filed May 5, 1902. Serial No. 105,949. (No model.)

To all whom it may concern:

Be it known that I, SUSIE E. PRESSLER, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Safety Attachments for Trolley-Car Vestibules; 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.

My invention has reference to a safety attachment for trolley-car vestibules. The replacing of the trolley of an electric car is at present accompanied by great danger, which fact is attested by the constantly-occurring accidents from this cause. In replacing a trolley it is necessary for the operator to lean far outward through a window-opening provided in the car-vestibule and by means of a rope attached to the end of the trolley-pole replace the trolley upon the overhead wire. In the event of the trolley-pole or the rope attached thereto giving way the operator would be unable to recover his equilibrium, and he would consequently fall backward, striking upon his head or back, generally resulting in fatal injuries.

With the object of providing a simple, inexpensive, and easily-attached device for eliminating the danger accompanying the replacing of a trolley my invention is constructed, and it embodies the novel arrangement hereinafter shown, described, and claimed.

In the drawings, Figure 1 is a perspective view showing the application of my invention, the broken lines indicating the outline of a trolley-car. Fig. 2 is a side elevation of my safety device, showing the arrangement of the parts before attachment to the vestibule of a car. Fig. 3 is an enlarged perspective showing the tapered tongues upon the side bars of device, and Fig. 4 is a similar view showing one end of the back bar provided with grooves adapted to cooperate with the tapered tongues upon the side bars.

Referring to the parts, my invention comprises side bars 1, secured by means of bolts 2 to the side frames of the window of a car-vestibule. At the lower end of the side bars are provided suitable brackets for supporting a seat-section 3. Near the upper ends of the side bars are provided tapered tongues 4,

ends. 5 is back bar curved to extend outward from the vestibule, and the ends of the back bar are provided with tapered grooves 6, adapted to cooperate with the tongues 4 for the purpose of attaching the back bar.

In the application of my safety device the side bars and the seat-section connected therewith are provided as permanent fixtures at each end of a car. The back bar is attached at the rear end only of the car, being easily removed for attachment at either end of the car. The parts are arranged so that the seat-section is on a level with the lower frame of the window-opening of the car-vestibule, and the back bar is arranged upon the side bars so as to permit the operator to support his back against the same, and although being seated upon the seat-section free movement of the arms is permitted.

From the foregoing it is obvious that I have provided a safety device which fulfils the object and aim of my invention and one the value of which from a humanitarian point of view as a means of saving life and limb is beyond estimation.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a safety device for trolley-car vestibules, the combination with the window-frame of a car-vestibule, of an outwardly-extending curved back bar provided with tapered attaching-grooves, and tapered tongues secured upon the side frames of the vestibule-window adapted to cooperate with the tapered grooves in the back bar to permit attachment or detachment of the back bar.

2. In a safety device for trolley-car vestibules, the combination with the window-frame of a car-vestibule, of side bars secured to the side frames of the vestibule-window, the seat supported at the lower ends of the side bars, tapered tongues provided upon the side bars, and an outwardly-extending curved back bar provided with tapered grooves adapted to engage the tapered tongues upon the side bars to permit the attachment or detachment of the back bar, as set forth.

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

SUSIE E. PRESSLER.

Witnesses:

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