(No Model.)

H. T. CORK.

FOLDING STEP.

No. 398,496. Patented Feb. 26, 1889.

Fig: 1.

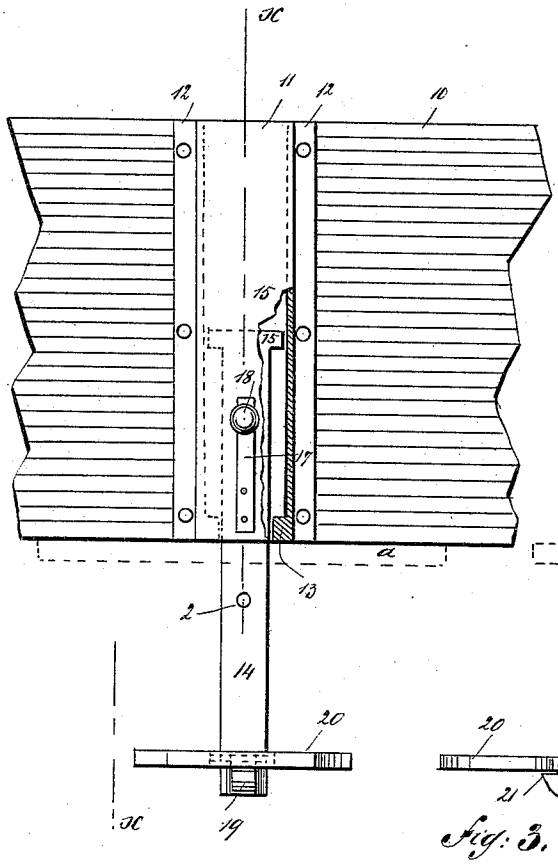


Fig: 2.

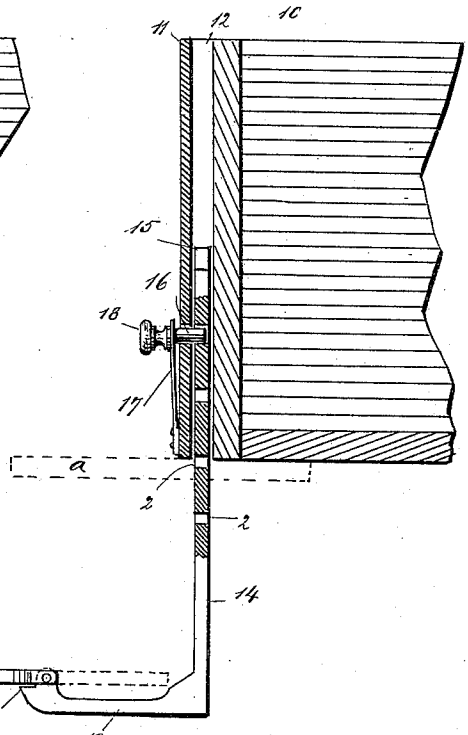
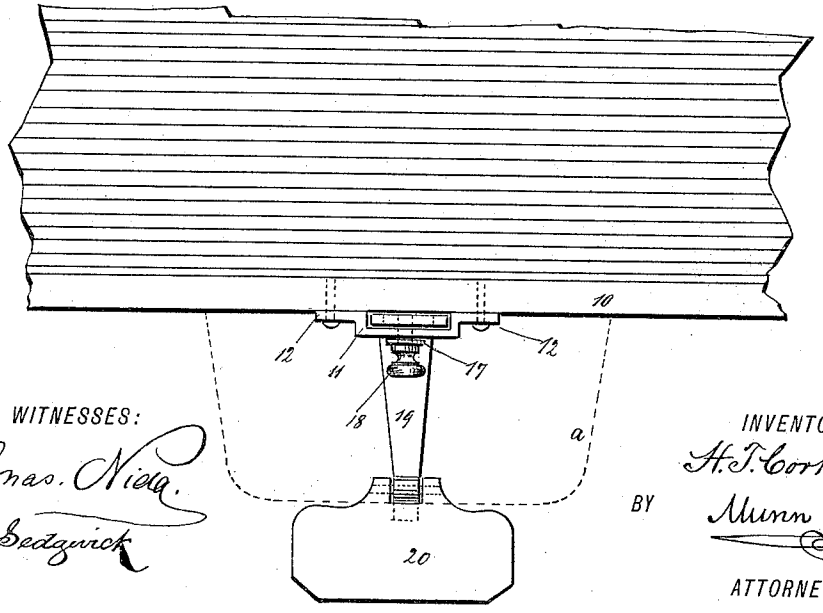


Fig: 3.



WITNESSES:

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FOLDING STEP.

SPECIFICATION forming part of Letters Patent No. 398,496, dated February 26, 1889.

Application filed December 12, 1888. Serial No. 293,392. (No model.)

To all whom it may concern:

Be it known that I, HARRISON T. CORK, of Marshall, in the county of Clark and State of Illinois, have invented a new and Improved Folding Step, of which the following is a full, clear, and exact description.

This invention relates to vehicle-steps, the object of the invention being to provide a step which shall be adjustable as to height, and one which, when not in use, may be folded to a position such that it will not be in the way or interfere with the general working of the vehicle in connection with which it is arranged.

To the end named the invention consists, essentially, of a casing provided with a spring-plug and arranged for connection with a vehicle-body, an apertured standard arranged to move vertically within the casing and to be engaged by the plug, and a step hinged to an arm that is carried by the standard, all as will be hereinafter more fully described, and specifically pointed out in the claims.

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

Figure 1 is a side view of a portion of a vehicle-body, representing the same as it appears when provided with my improved folding step, parts being broken away, the step being shown as it appears when lowered for use. Fig. 2 is a sectional view on line *x x* of Fig. 1, and Fig. 3 is a plan view of the parts shown in Fig. 1.

In the drawings, 10 represents a portion of a wagon-body, to which there is secured a case, 11, said case being formed with side flanges, 12, and with shoulders 13. Within the case 11 I mount a standard, 14, at the upper end of which there are formed shoulders 15, which engage the shoulders 13 of the case 11, thus preventing the standard from being withdrawn from the case. Through the body of the standard 14, I form a number of apertures, 2, arranged so that they may be entered by a pin or plug, 16, that is normally held in the position shown in Fig. 2 by a spring, 17, the plug being connected to the spring, as is also a knob or handle, 18.

To the lower end of the standard 14, I secure an outwardly-extending arm, 19, and to this arm I hinge a step, 20, the arm being provided with a forwardly-extending shoulder, 21, which supports the step when it is adjusted to the position shown in the drawings.

By means of the construction above described it will be seen that by withdrawing the plug 16 from engagement with the standard 14 such standard may be adjusted vertically to any desired position, there to be held by the plug, as will be readily understood. When the step is not in use, it is folded back to the position indicated by dotted lines in Fig. 2, and the standard is moved upward until the plug 16 engages the lower one of the apertures 2. If desired, a permanent step might be secured to the vehicle-body in the position indicated by the dotted lines shown at *a*.

Such a step as the one above described is simple, cheap, and durable, and the parts are so arranged that the step may be moved to a position entirely out of the way, and that, too, with great ease.

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

1. The combination, with a case arranged for connection with a vehicle-body and provided with a spring-pressed plug or pin, of an apertured standard mounted within the case, and a step hinged to the standard, substantially as shown and described.

2. The combination, with a case arranged for connection with a vehicle-body and provided with a spring-supported plug or pin, of an apertured standard mounted within the case, an arm extending outward from the standard, and a step hinged to the arm, substantially as described.

3. The combination, with a case, 11, formed with shoulders 13, of a plug or pin, 16, a spring, 17, by which the plug is carried, a standard, 14, formed with apertures 2 and with shoulders 15, an arm, 19, connected to the standard and formed with a shoulder, 21, and a step, 20, hinged to the arm, substantially as described.

HARRISON T. CORK.

Witnesses:
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EDWARD COLE.