W. B. HENDRIX.

PINCH BAR.

APPLICATION FILED JUNE 24, 1908.

922,280. Patented May 18, 1909.

Fig. 1.

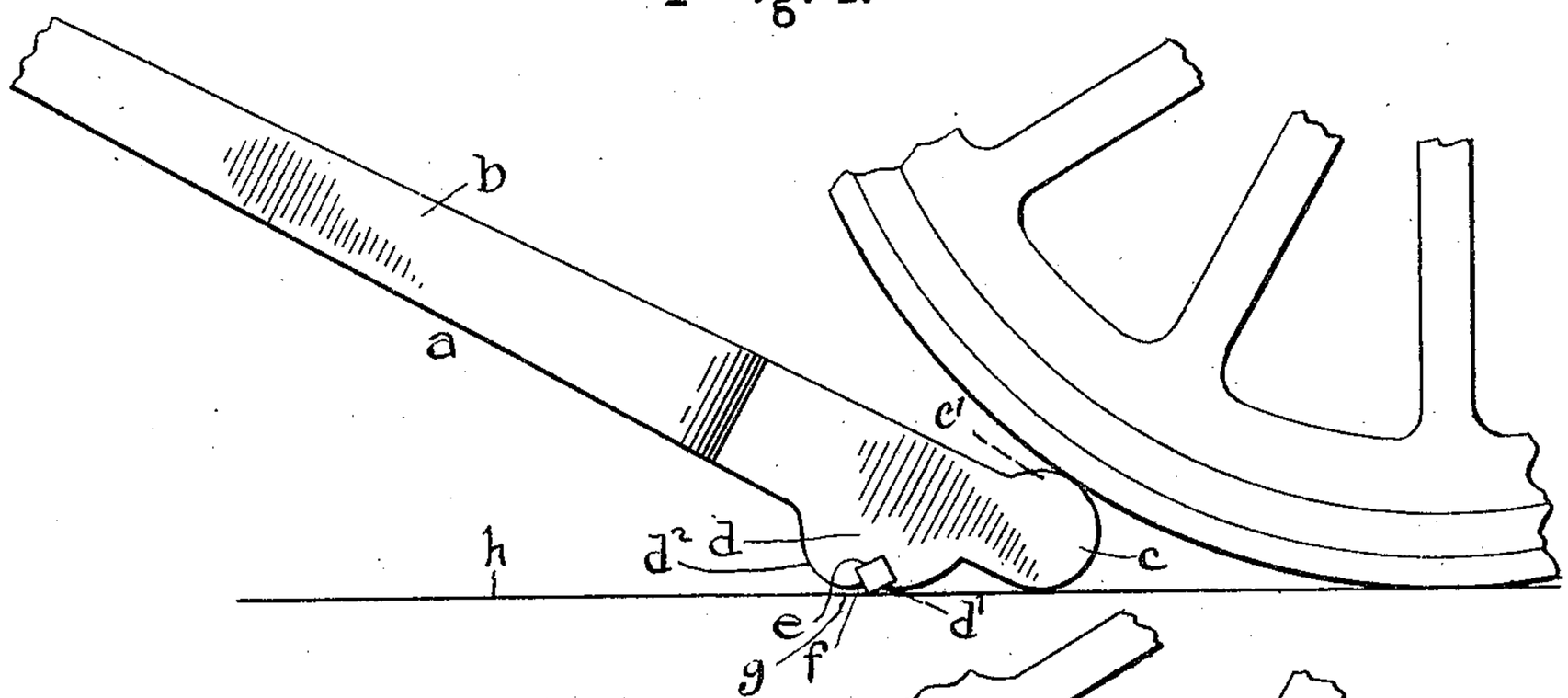


Fig. 2.

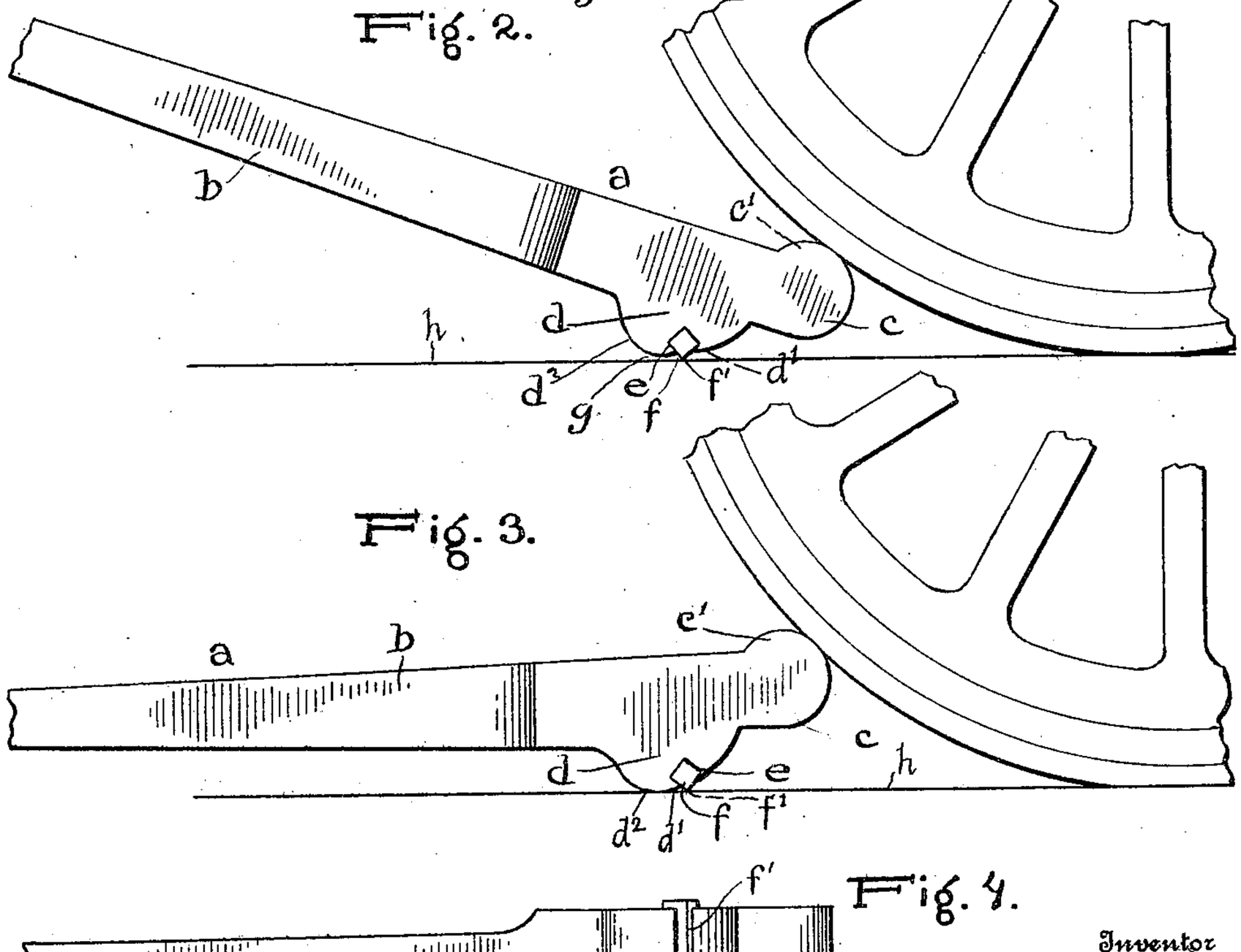
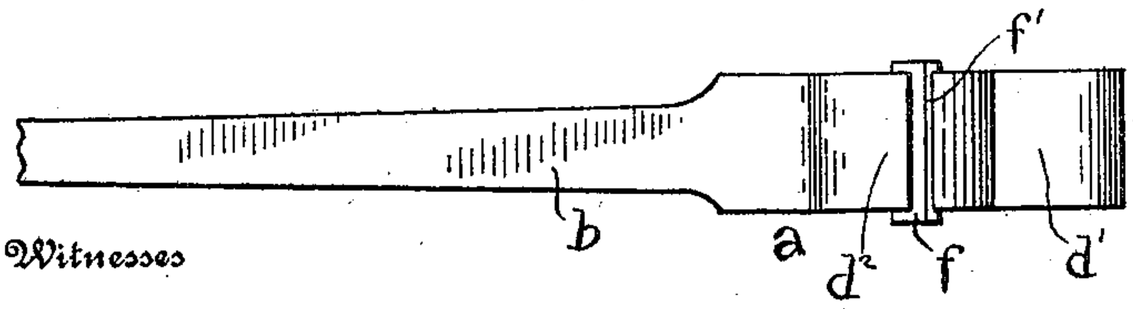


Fig. 3.

Fig. 4.



Witnesses

Stuart Hilder.

George M. Anderson.

Inventor

Walter B. Hendrix

By E. W. Anderson

His Attorney

UNITED STATES PATENT OFFICE.

WALTER B. HENDRIX, OF BRAZIL, INDIANA.

PINCH-BAR.

No. 922,280. Specification of Letters Patent. Patented May 18, 1909.

Application filed June 24, 1908. Serial No. 440,139.

To all whom it may concern:

Be it known that I, WALTER B. HENDRIX, a citizen of the United States, resident of Brazil, in the county of Clay and State of Indiana, have made a certain new and useful Invention in Pinch-Bars; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of the invention as applied. Fig. 2 is a similar view with the bar partly depressed. Fig. 3 is a similar view with the bar wholly depressed, or depressed to the full extent allowed. Fig. 4 is a bottom plan view of the bar.

The invention relates to pinch bars for moving railway cars and the like, and it consists in the novel construction and combinations of parts as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a*, designates the bar, which is formed of a straight bar of metal, having a handle portion *b*, and an integral approximately cylindrical knob or protuberance *c*, at its lower end, the greater portion of said cylindrical knob lying in line with the bar, a small section thereof however shown at *c'*, having projection above the upper side of the bar.

d, is a lower lateral extension from the bar closely adjacent to the blunt rounded lower end thereof and having its lower surface *d'* lying at an acute angle to the axis or line of the bar, said extension having a transverse angular seat *e*, formed therein, in which is fitted a removable angular fulcrum-piece *f*, having a fulcrum edge *f'*, which projects to a slight degree below the lower surface of said extension.

When the bar is placed in position for use, as shown in Fig. 1 of the drawings, the lower surface of the lower cylinder end *e*, rests upon the rail *h*, as does also the fulcrum edge *f'*. Upon depression of the handle portion of the bar, a fulcrum is taken upon the edge *f'*, and the rounded cylinder end exerts a rolling pressure upon the wheel to move the car. Inasmuch as the lower end of the bar is of blunt rounded formation it cannot enter below the wheel sufficiently to exert a lifting action thereupon. Upon further depression of the handle of the bar a bearing will be taken upon the rounded rear heel d^2, of the extension *d*, as shown in Fig. 3 of the drawings.

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

1. A pinch bar having a lower cylindric end lying substantially in line with the bar and having a slight projection above the upper surface of the bar, a lower extension having a lower surface of acute angle relation to the bar and terminating in a rounded bearing heel, said lower extension having a transverse angular seat located forward of said heel, and a removable angular fulcrum-piece in said seat.

2. A pinch bar having a lower cylindric end lying substantially in line with the bar, a lower extension terminating in a rounded bearing heel, said lower extension having a transverse angular seat located forward of said heel, and a removable angular fulcrum piece in said seat.

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

WALTER B. HENDRIX.

Witnesses:
J. R. STUNKARD,
JAMES DRUM.