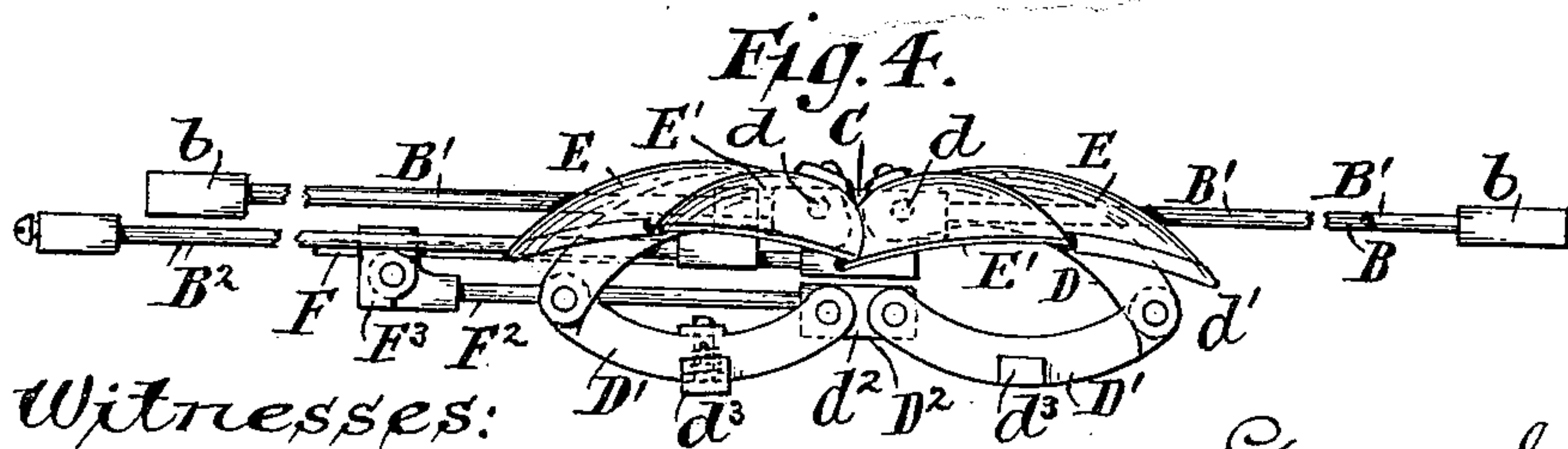
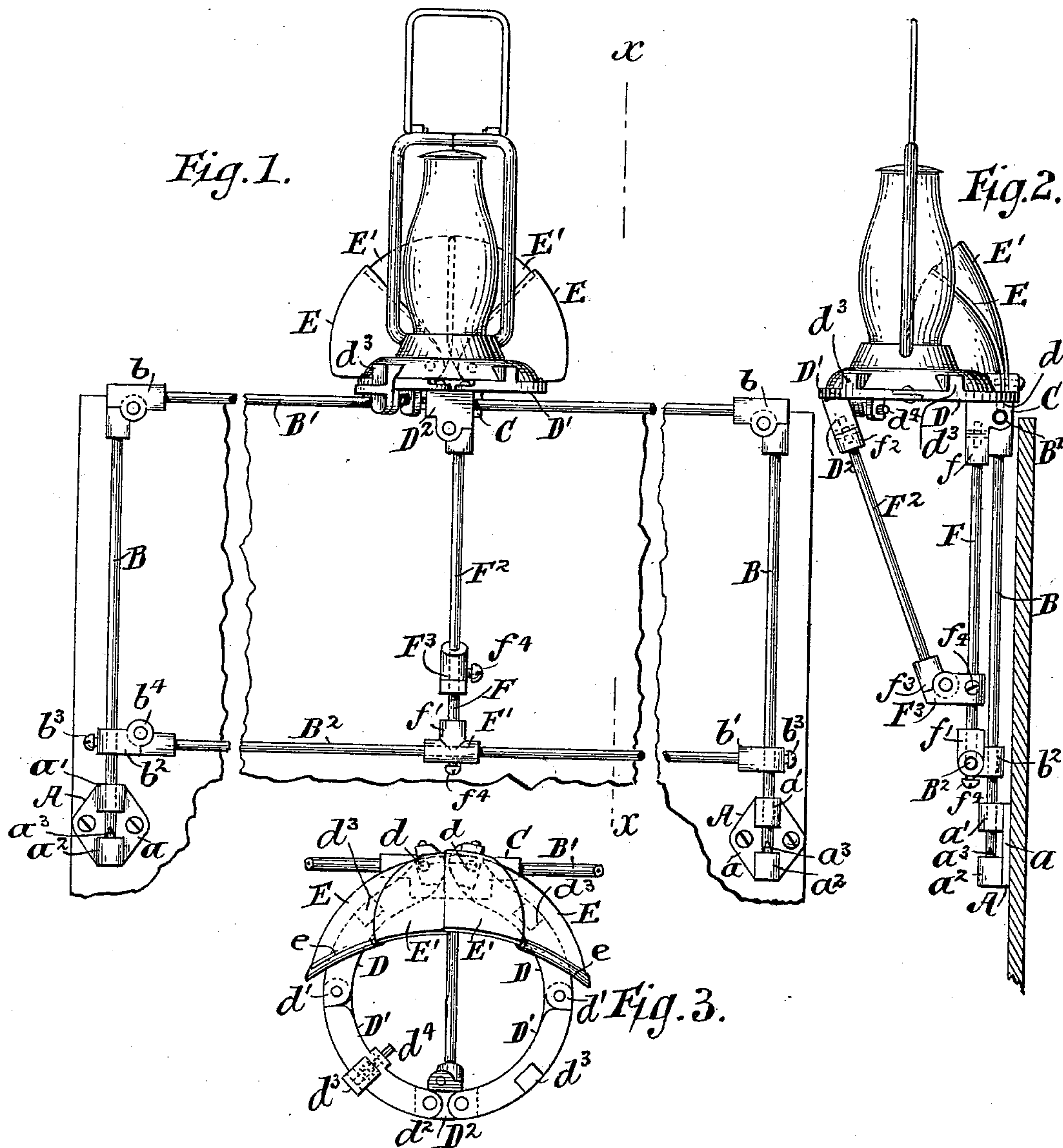


(No Model.)

G. J. BEEHLER.  
LANTERN HOLDER FOR WAGONS, &c.

No. 521,361.

Patented June 12, 1894.



Witnesses:  
Geo. Wadman,  
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by William B. Greeley  
Atty.



# UNITED STATES PATENT OFFICE.

GEORGE J. BEEHLER, OF NEW YORK, N. Y.

## LANTERN-HOLDER FOR WAGONS, &c.

SPECIFICATION forming part of Letters Patent No. 521,361, dated June 12, 1894.

Application filed September 8, 1893. Serial No. 485,050. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE J. BEEHLER, of the city, county, and State of New York, have invented a new and useful Lantern-Holder for Wagons, &c.; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The object of my invention is to produce a device for securing an ordinary lantern to a wagon, which device shall be removable easily from the wagon, shall be capable of being folded in small compass, and shall permit the lantern to be moved to one side or the other as may be desirable.

In the drawings wherein I have illustrated the construction which I prefer to adopt: Figure 1 is a front view of my device applied to the dash-board of a wagon, with a lantern in position, the dash-board and the horizontal bars of the holder being partly broken out to save space. Fig. 2 is a vertical section on the line  $x-x$  of Fig. 1; with part of the reflector omitted. Fig. 3 is a top view of some of the parts shown in Fig. 1; and Fig. 4 is a top view of the holder removed from the dash-board and folded up, some of the parts being broken out to save space.

As I prefer to construct and furnish the device ready for use it comprises a holder proper for the lantern, a frame to support said holder and sockets which may be fixed permanently to the dash-board or other part of the wagon to receive the frame.

As represented in the drawings the sockets A, A, may consist each of a single casting composed of a plate  $a$  which may be secured by screws to the wagon, an apertured boss  $a'$  to receive the lower ends or feet of the legs of the frame, and a stop  $a^2$  upon which the feet of the frame rest. Since the frame is preferably constructed of tubing, for the sake of strength and lightness, the stop  $a^2$  may be provided with a pin  $a^3$  (shown in dotted lines in Figs. 1 and 2) to engage the lower ends of the legs of the frame. The frame is composed of two vertical bars or legs B, B, an upper horizontal bar B', to which the legs B, B, are secured by hinge-joints  $b, b$ , to permit the legs to be folded up against the horizontal bar and

a lower horizontal bar B<sup>2</sup>. At each end the bar B<sup>2</sup> is provided with a suitable head or casting  $b', b^2$ , which is perforated to receive the corresponding leg B and has tapped into it a set-screw  $b^3$  whereby the bar B<sup>2</sup> may be adjusted upon the legs B, B, and may be held in any desired position. Preferably the bar B<sup>2</sup> is joined to one head or casting, as  $b^2$ , so that it may be folded parallel with the leg without being removed wholly therefrom.

The horizontal bars B' and B<sup>2</sup> support the holder proper and permit its movement thereon. The holder is adapted to receive and securely hold any ordinary lantern and also to be folded into comparatively small compass. Upon the bar B' is mounted a slide C which can be moved from end to end of the bar. Upon the upper flat face of the slide C are pivoted, as at  $d, d$ , the two rear sections D, D, of a sectional ring, the two front sections D', D', being pivoted to the rear sections, as at  $d', d'$ , and to a block D<sup>2</sup> in front, as at  $d^2, d^2$ . The several sections are provided with lugs  $d^3, d^3$ , to receive the base of a lantern, one of said lugs being carried by a spring-pressed stem  $d^4$  to permit the easy insertion or removal of a lantern. To each of the rear sections D, D, are pivoted two or more triangular, concaved plates E, E'. When arranged as shown in Fig. 1 these plates form a reflector behind the lantern and when the holder is removed and folded the plates E', E', may be turned down behind the plates E, E, and so occupy less space. Preferably each plate E is formed with a turned over outer edge  $a$  to receive and guide the edge of the corresponding plate E.

To the slide C is secured an intermediate leg F by a hinge joint  $f$  so that it may be folded up against the bar B'. The lower end of this leg is stepped in a socket  $f'$  secured to or formed on a slide F' which is mounted on the bar  $b^2$ . A brace F<sup>2</sup> is similarly hinged, as at  $f^2$ , to the block D<sup>2</sup>, and at its lower end, as at  $f^3$ , is hinged to a block F<sup>3</sup> which is adjustably secured to the leg F. Set screws  $f^4, f^4$ , may be tapped into the slide F' and block F<sup>3</sup> to retain them in adjusted position.

The mode of use of my improved lantern-holder will be apparent from the foregoing description. When it is to be removed from its position of use and folded up the legs B,



B, will first be removed from the sockets and the bar B<sup>2</sup> will be slipped down until the leg F is released from its socket F' and until one end b' of the bar B<sup>2</sup> can be released from the corresponding leg. Then the bar B<sup>2</sup> will be folded against the leg B to which it is hinged and both together against the bar B'. The brace F<sup>2</sup> will be folded against the leg F, thereby folding the sectional ring, as shown in Fig. 4, and the brace and leg together will be folded against the bar B'. When the remaining leg B has also been folded against the bar B' the whole device will have been reduced to a long, narrow package which can be stored easily in any convenient part of the wagon. When desired for use it can quickly be unfolded and fixed in position. By reason of its construction the device is strong and durable, adapted for use with any ordinary lantern, and capable of holding the lantern in any desired position with respect to the length of the upper bar.

I claim as my invention—

1. In a lantern-holder for wagons, the combination of sockets adapted to be secured to a wagon, a frame composed of a horizontal bar and legs hinged to said bar and adapted to enter said sockets, and a holder for a lantern mounted on said bar, substantially as shown and described.

2. In a lantern-holder for wagons, the combination of a frame composed of a horizontal bar and legs hinged to said bar, a slide mounted on said bar, and a ring holder for a lan-

tern composed of sections pivoted together and to said slide, substantially as shown and described.

3. In a lantern-holder for wagons, the combination of a horizontal bar, means to support said bar, a slide mounted on said bar, a ring holder composed of sections pivoted together and to said slide, and a sectional reflector having its sections pivoted to said slide, substantially as shown and described.

4. In a lantern-holder for wagons, the combination of a frame composed of an upper horizontal bar and legs hinged to said bar, a holder for a lantern mounted on said bar, a lower bar adapted to engage said legs, a socket carried by said lower bar, and a leg hinged to said holder and adapted to enter said socket, substantially as shown and described.

5. In a lantern-holder for wagons, the combination of a horizontal bar, means to support said bar, a slide mounted on said bar, a ring holder for a lantern composed of sections pivoted together and to said slide, a leg pivoted to said slide, and a brace pivoted to said holder and to said leg, substantially as shown and described.

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

GEORGE J. BEEHLER.

Witnesses:

W. B. GREELEY,  
A. N. JESBERA.