J. L. JACKSON.

TETHERING DEVICE.

No. 183,677. Patented Oct. 24, 1876.

Fig. 1.

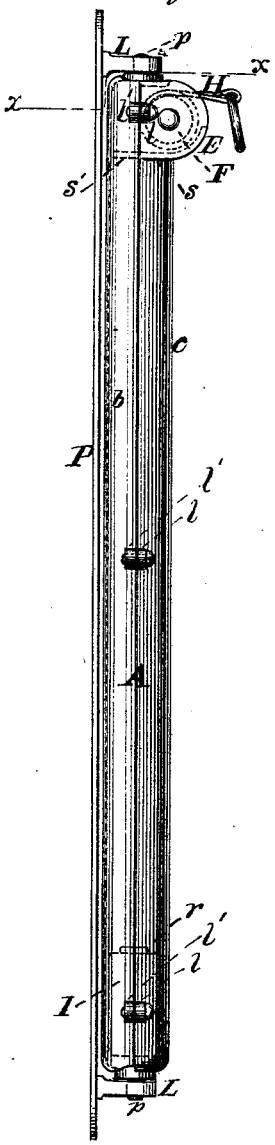


Fig. 2.

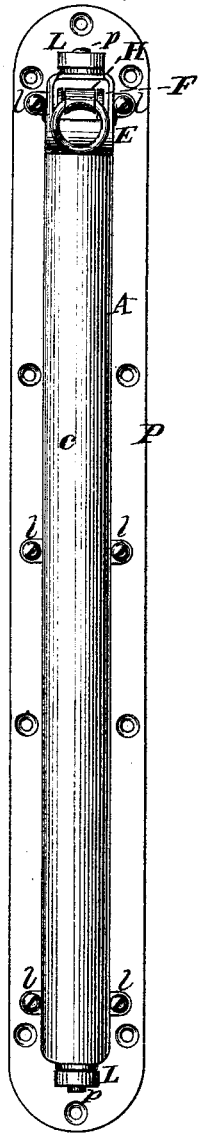


Fig. 3

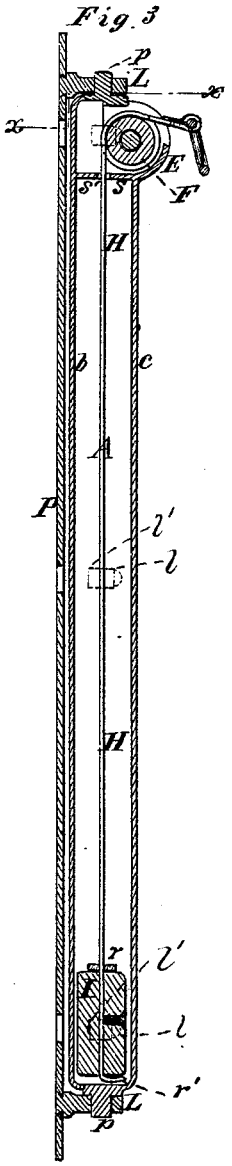
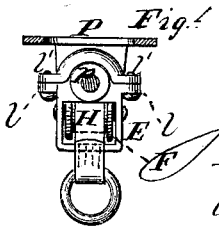


Fig. 4



Witnesses
John Becker.
Fred. Haynes

James L. Jackson
by his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE.

JAMES L. JACKSON, OF NEW YORK, N. Y.

IMPROVEMENT IN TETHERING DEVICES.

Specification forming part of Letters Patent No. **183,677**, dated October 24, 1876; application filed September 18, 1876.

To all whom it may concern:

Be it known that I, JAMES L. JACKSON, of the city, county, and State of New York, have invented an Improvement in Halter-Cases; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, which forms part of this specification.

My improvement relates to that class of halter-cases in which the end of the halter not attached to the headstall is attached to a weight sliding in said case, which pulls into the case the slack of the halter, to prevent the animal fastened by the halter from getting his foot over and becoming entangled with the same; and it consists in a peculiar construction of the halter-case, whereby, with other advantages secured, it is permitted to oscillate on its vertical axis, to accommodate itself to side movements of the animal's head, and prevent binding of the halter by reason of twists or kinks, which occur when the halter-case is rigidly fixed to its support.

Figure 1 in the accompanying drawing is a side elevation of my improved halter-case. Fig. 2 is a front elevation of the same. Fig. 3 is a vertical section, and Fig. 4 is a section on the line *x x* in Figs. 1 and 3.

A is the halter-case proper, which is tubular, and made in two semi-cylindrical parts, *b* and *c*. The two parts *b* and *c* are provided with perforated lugs *l l'*, through which are inserted screws, rivets, or bolts, to fasten the said parts *b* and *c* together. At the top and bottom of the part *c* are placed the journals or pivots *p*, which pass through the bearings L, projecting from the plate P, the plate P being for the attachment of the halter-case A to the stall, post, or other support where the said case is to be used, which attachment may be made by nails, screws, or bolts passing through holes formed in the plate into the said support. At the top of the semi-cylindrical part *c* is a hollow projection, E, in which is pivoted a flanged pulley, F, over which the halter H plays. To that end of the halter H which is within the case A is attached the weight I, Figs. 1 and 3, in such manner that the said halter projects through and turns under the bottom of said weight to form a cushion, *r'*, therefor, as shown in Fig. 3.

The weight I draws in the halter H whenever the animal's head attached to said halter is moved toward said case, and the pivoted halter-case A oscillates on the pivots *p*, to prevent any twist in the halter, which would otherwise obstruct the free movement of the same.

The increased freedom of movement secured by pivoting the case proper A to the plate P permits a much lighter weight, I, to be used within the said case, and renders the device less wearisome to the animal hitched thereto.

Stops *s s'*, Figs. 1 and 3, consisting of horizontal plates continuous with and forming parts of the respective semi-cylindrical halves *b* and *c* of the case A, prevent the weight from being drawn up so far in the case as to interfere with the pulley F, and an elastic cushion, *r*, on the top of said weight prevents violent shocks of the same against said stops.

The method of forming the case proper A in two semi-cylindrical parts, which are subsequently bolted together, enables the whole to be easily and cheaply constructed; but it is not essential that this peculiar construction should be exactly followed.

I claim—

1. The combination of the pivoted oscillating halter-case A, the pulley F, the halter H, the weight I, the attaching-plate P, and bearings L, substantially as and for the purpose specified.

2. The combination of the pivoted oscillating halter-case composed of two parts, *b c*, having the lugs *l l'*, for attaching said parts *b c* together, and the stops *s s'*, and containing the pulley F and cushioned weight I, with the attaching-plate P and bearings L, substantially as and for the purpose set forth.

JAMES L. JACKSON.

Witnesses:

EDWARD B. SPERRY,

FRED. HAYNES.