(No Model.) 2 Sheets—Sheet 1.

J. GIBBONS.

ROPE HALTER BUCKLE.

No. 296,329. Patented Apr. 8, 1884.

Fig. 1

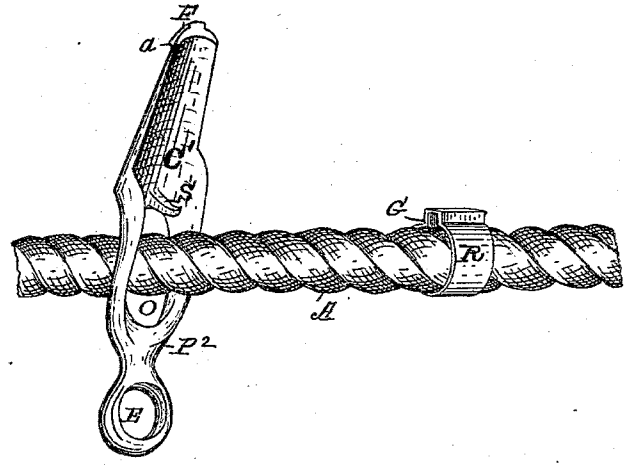
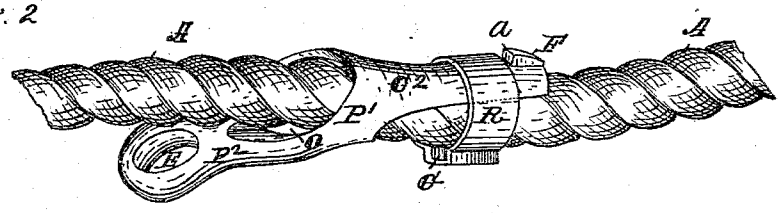


Fig. 2



Witnesses

Stanley M. Holden.

Charles S. Brimhall

Inventor

John Gibbons

by W. E. Hagan

his atty

N. PETERS. Photo-Lithographer. Washington, D. C.

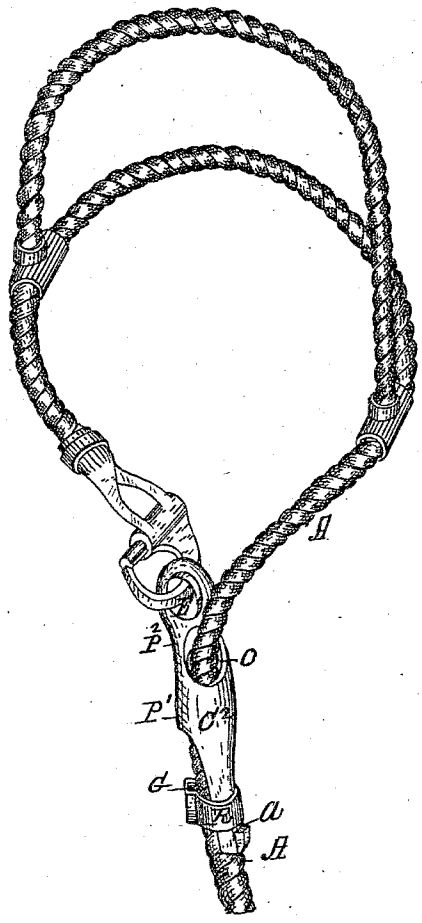
(No Model.) 2 Sheets—Sheet 2.

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Fig. 3



Witnesses
Stanley M Holden.
Charles B. Brintnall

Inventor
John Gibbons
by W. E. Hagan his atty

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOHN GIBBONS, OF WEST TROY, NEW YORK, ASSIGNOR TO THE UNION HARDWARE MANUFACTURING COMPANY, OF SAME PLACE.

ROPE-HALTER BUCKLE.

SPECIFICATION forming part of Letters Patent No. 296,329, dated April 8, 1884.

Application filed January 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN GIBBONS, of the village of West Troy, county of Albany, and State of New York, have invented a new and useful Improvement in Halter-Rope Buckles, of which the following is a specification.

My invention relates to that class of devices which are made with an offset or projecting eye, and are used upon the rope from which halters are made to connect the end of the rope with the latter at a sufficient distance from the end to produce what is known as the "lead-loop," and to the opposite sides of which loop, when formed, the ends of the strap are attached to complete the halter. The object and purpose of my invention is to produce a device for this use which can be securely attached to the rope in a line of union that is parallel or nearly parallel to the rope, and so as to avoid the kinking and tortuous threading of the rope through a series of openings made in a plate.

Accompanying this specification and forming a part of it are two plates of drawings, containing three figures, illustrating my invention, with the same designation of parts by letter-reference used in all of them, and of which—

Figure 1 shows a perspective of the device loosely threaded onto the rope, but not connected by means of the securing ring and spur. Fig. 2 shows a perspective of the device attached to the rope by means of the spur and securing-ring. Fig. 3 shows a completed halter containing my invention.

The several parts of the device are designated by letter reference, and their applied function explained as follows:

The letter P′ indicates a plate having a concave interior surface, C′, a convex exterior surface, C^2, and with an extension, P^2, that is obtusely beveled in the line of its projection from that containing its concave and convex surfaces. This beveled extension is made with an opening, O, so that a rope threaded through the latter is in a position to be encircled by the rounded-out plate to the extent of its width.

The letter F indicates a feather projection on the convex face of the plate, made to have an abrupt termination *a;* and R designates a ring provided with a groove, G, for the passage of said feather when the ring is slipped on over the plate P′.

The letter S indicates a spur formed on the inwardly-rounded surface C′, and E an eye formed on the end of the beveled extension.

The device thus made is connected to the rope in the following manner: The rope A is threaded through the opening O, and the rounded-out part of the plate P′ pressed down over and around the rope, with the spur S entered into the latter, and with the ring R passed on over the end of the plate by means of the groove G, and the ring turned until its edge abuts against the abrupt termination *a* of the feather F. This firmly secures the device to the rope and on a line of attachment nearly parallel to the latter, in which position the eye E is adapted to connect with a snap-hook on the end of the rope, and thus produce the halter lead-loop.

In a former patent granted to me October 11, 1883, No. 286,808, for a device having the same use, a semi-cylinder provided with a hook to secure the rope, a spur to enter and hold the latter, and an opening for its passage are shown as employed in connection with a projected eye. In the device herein shown the hook under which the threaded rope is passed is dispensed with, and a grooved ring and feather are employed to secure the parts, instead of the hook.

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

In a halter-rope buckle, the combination of a plate having an interior concave and an exterior convex surface, a spur on the concave interior of the plate, an elongated extension of said plate that is beveled obtusely from the rounded-out part thereof on its projection therefrom, an eye on the end of said extension, an elongated opening in said extension adapted for the passage of the halter-rope, a feather made with an abrupt termination and constructed on the exterior of the rounded-out part, and a ring made with a groove for the passage of said ring over said feather, plate, and included rope, in the manner and for the purposes herein set forth.

Signed at Troy, New York, this 5th day of December, 1883, and in our presence whose names were by us hereto written.

JOHN GIBBONS.

Witnesses:

CHARLES S. BRINTNALL,

GEO. R. MENERLY.