

(Model.)

T. H. JOYCE.

BREECHING LOOP AND HOLD BACK RING.

No. 285,414.

Patented Sept. 25, 1883.

Fig. 1.

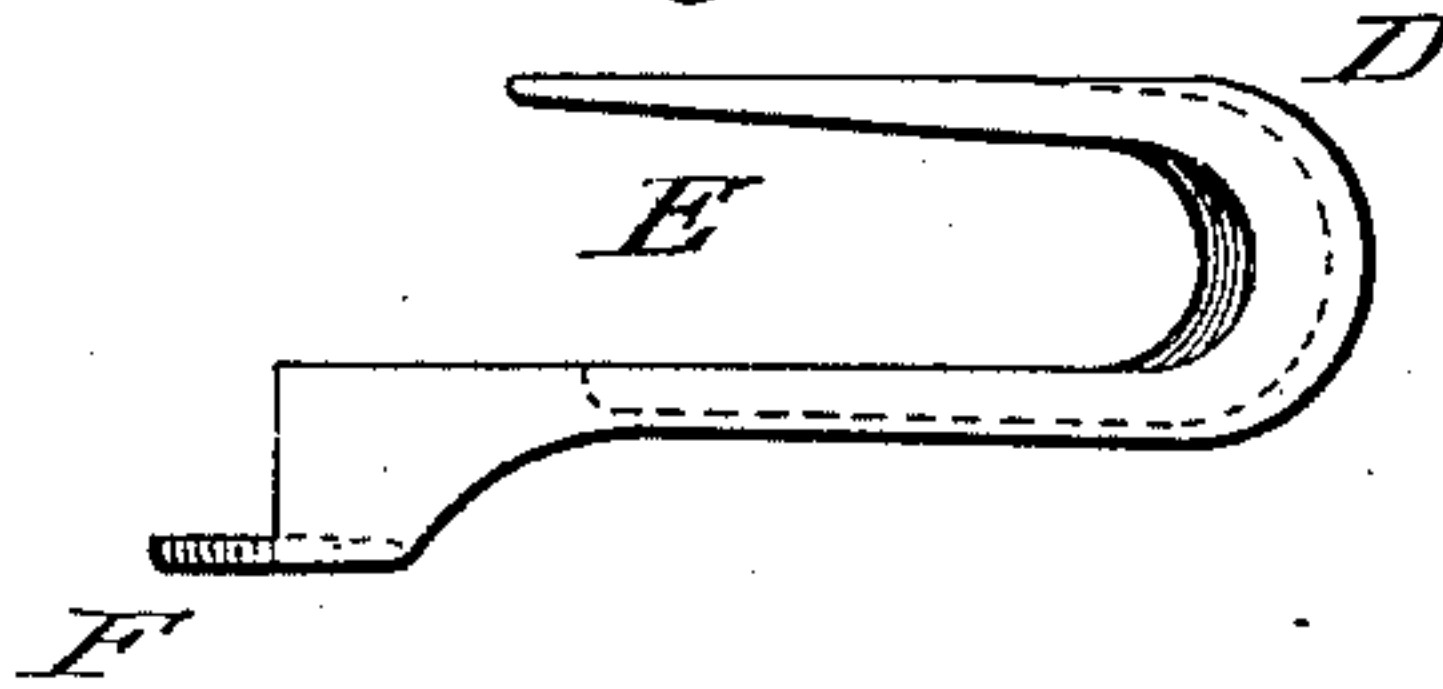


Fig. 2.

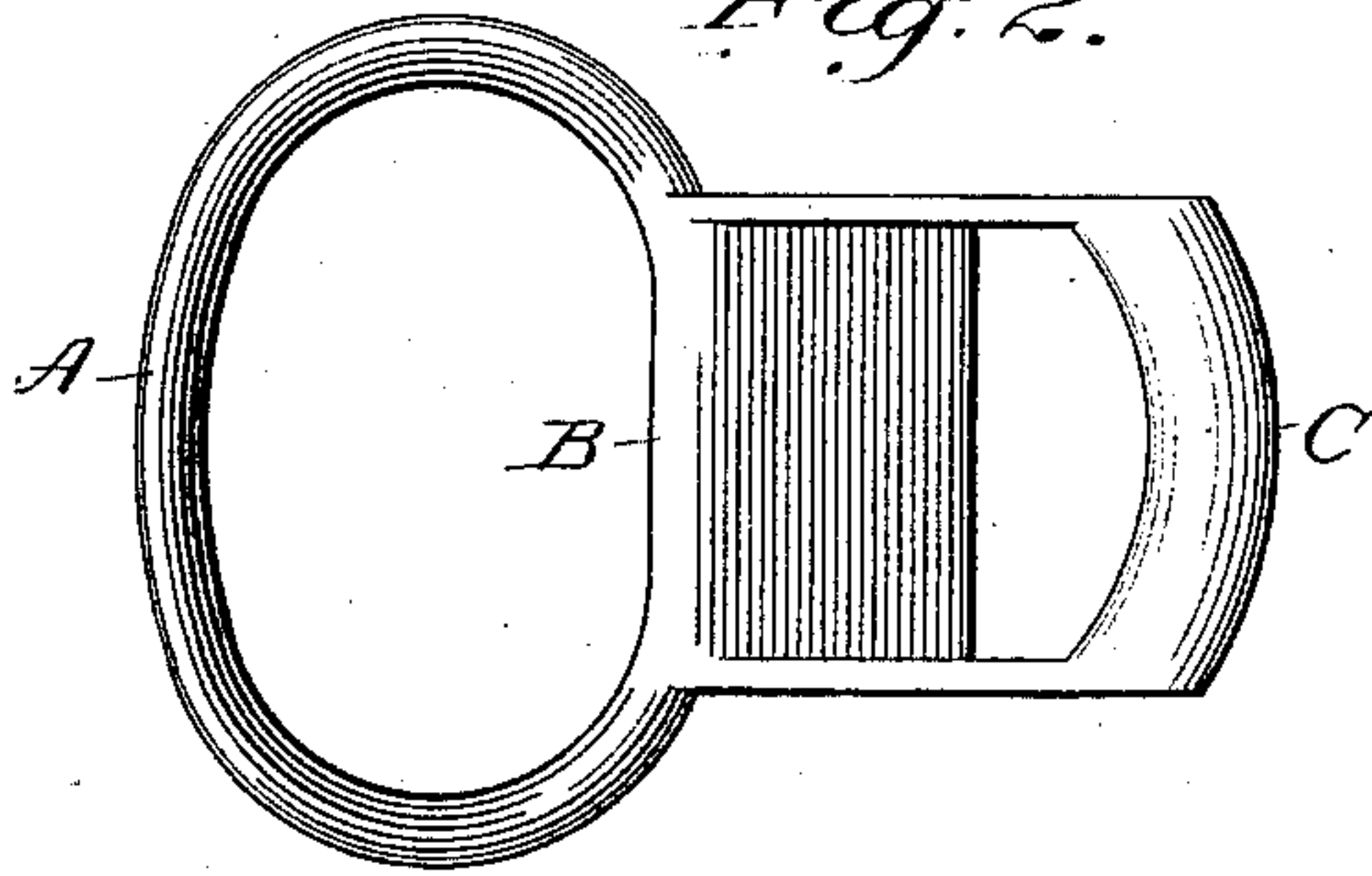
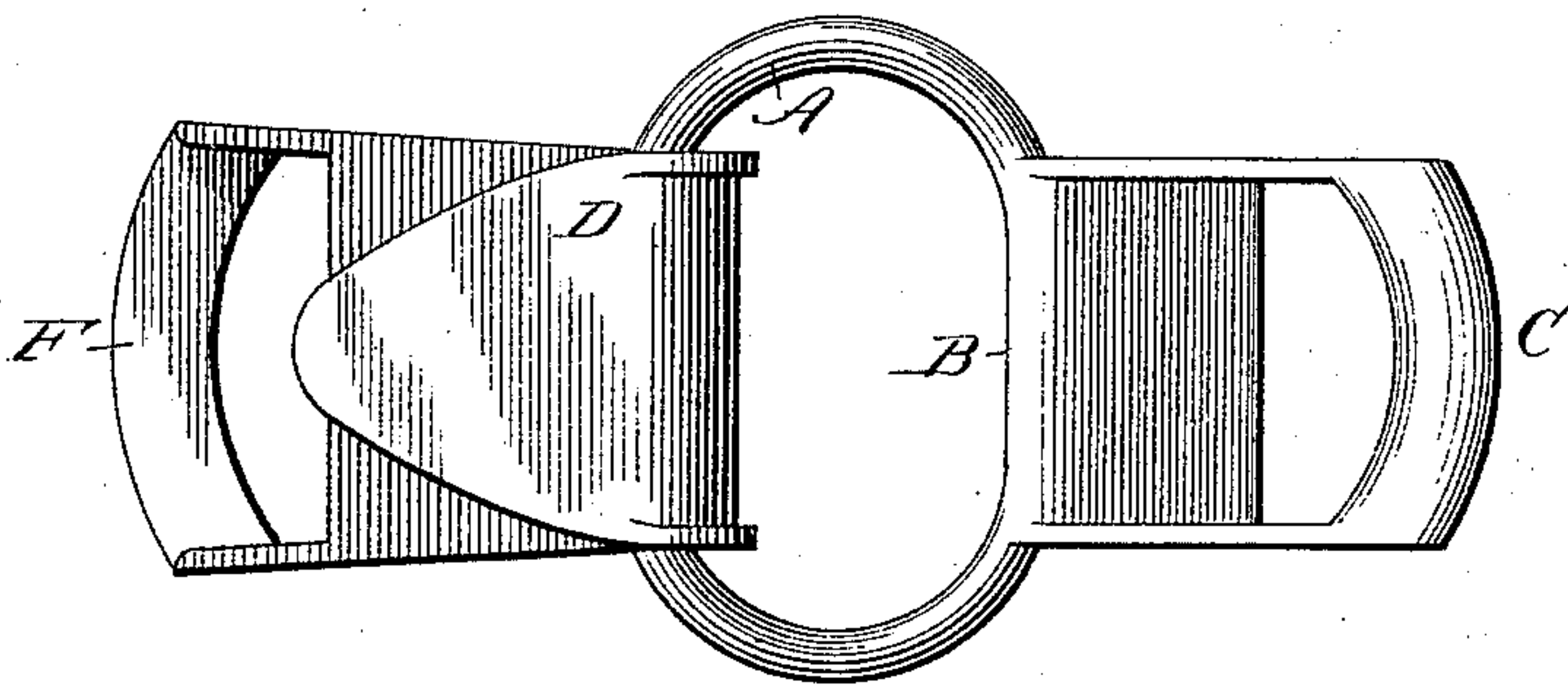


Fig. 3.



Witnesses.

Joseph M. Alexander
H. D. Greening

Inventor.

Thomas H. Joyce

UNITED STATES PATENT OFFICE.

THOMAS H. JOYCE, OF CARBONDALE, PENNSYLVANIA.

BREECHING-LOOP AND HOLDBACK-RING.

SPECIFICATION forming part of Letters Patent No. 285,414, dated September 25, 1883.

Application filed June 18, 1883. (Model.)

To all whom it may concern:

Be it known that I, THOMAS H. JOYCE, a citizen of the United States, residing at Carbondale, in the county of Lackawanna and State of Pennsylvania, have invented a new and useful Improvement in Breeching-Loops and Holdback-Rings, of which the following is a specification.

My invention relates to an improvement in breeching-loops and holdback-rings for harness, which are dependent upon each other, and mutually contribute to produce a single result.

The object of my invention and improvement is the safety to persons and property, as relates to vehicles and those occupying them while in motion, and the preservation from the great wear and tear and cutting of breeching and holdback-straps of the harness as at present constructed. I attain these objects by the breeching-loop and holdback-ring illustrated in the accompanying drawings, in which—

Figure 1 is a side view of the breeching-loop; Fig. 2, a front view of the holdback-ring, and Fig. 3 a front view of both when connected as in use.

The nature of my improvement and invention consists in the construction from brass, iron, or other metal of the holdback-ring A, having a base, B, flat and oblong in shape, and of the length required. At one end of the base is the holdback-ring A, of which the base forms a chord. The edges of either side of the base are raised or turned up to the thickness of the holdback-strap, and at the other end, and on the front of the base, is the strap-loop C. The loop and the base are of width to admit the holdback-strap. The strap-loop C holds the strap in position, and the base with its turned-up sides stiffens and prevents abrasions of the strap at its edges. I pass the holdback-strap through the strap-loop C, around the base B, (through its turned-up sides and the holdback-ring,) and back upon itself, where it is fastened by sewing or other process.

The breeching-loop D is constructed from brass, iron, or other metal, of the thickness of the holdback-ring, and of width sufficient to admit the breeching-strap; its base flat and oblong in shape, its edges along the right line of either side raised or turned up to thickness of the breeching-strap. One end

round-pointed at sides from near its center is turned back to form the ring-loop E. At the other end and in front is the strap-loop F, as shown by the accompanying drawings. To unite the contributory parts and complete the construction insert the holdback-ring in the ring-loop E, draw the breeching-strap through the strap-loop F, and the raised or turned-up sides of base over the ring-loop E and back upon itself, and fasten by sewing or other process.

I am aware that prior to my invention a supplemental tug has been invented to relieve the strain and prevent the breakage of the original tugs. This applies only to the tugs, and also only to a light harness, as in a heavy harness these tugs are not found, the hip-strap coming directly down to the ring, which connects the breeching and holdback straps. My invention relates in no way to the tugs, but directly to the manner of connecting the breeching and holdback straps; hence to both heavy and light harness. By the present method this is accomplished by a simple ring, through which the breeching, holdback, and hip strap or tug are looped. This ring is a source of great wear and tear, as at every move of the horse these straps rub against the ring, and are soon cut through. My object in inventing a ring and loop as described in the above specification is to offer a substitute for the single ring which will prevent this wear and tear. By my invention this vital point (the connection of the breeching and holdback straps) will be absolutely safe. All contact is metal with metal. The breeching-loop D and the holdback-ring A, when united as shown in Fig. 3 of the drawings, are held in place by the straps passing over them, which straps are protected from contact, wear, or cutting of the said loop or ring by the turned-up sides of the breeching-loop and holdback-ring.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a harness, the holdback-ring A, having flat base B, with flanged sides and the elevated strap-loop C, in combination with the breeching-loop D, having ring loop or link E, and the depressed strap-loop F, all constructed and adapted to operate as set forth.

THOMAS H. JOYCE.

Witnesses:

JOSEPH M. ALEXANDER,
H. D. GUERNSEY.