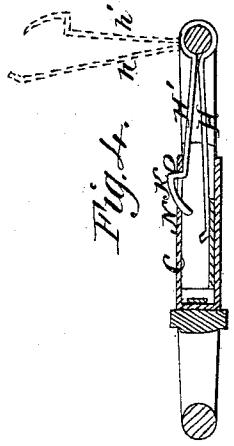
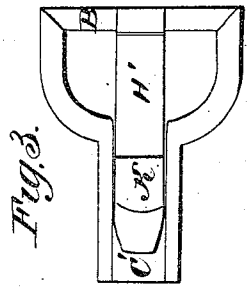
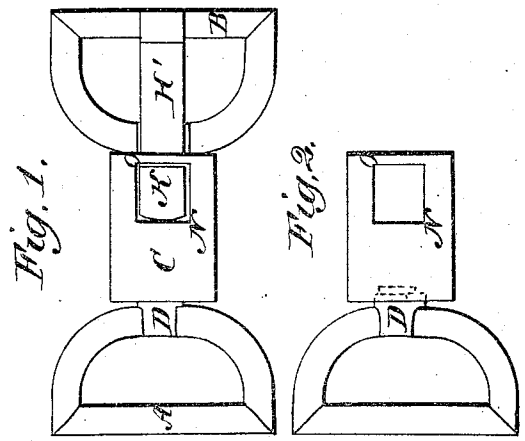
Hale & Hall,

Rein Clasp,

No. 77,608, Patented May 5, 1868.







Witnesses.
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Letters Patent No. 77,608, *dated May* 5, 1868.

IMPROVED REIN-SHACKLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, JOSEPH HALE, of Somerville, in the county of Middlesex, and WILLIAM HALL, of Brookline, in the county of Norfolk, and State of Massachusetts, have invented certain new and useful Improvements in Rein-Shackles; and we 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.

To enable others skilled in the art to make and use our invention, we will proceed to describe its nature, construction, and use.

The nature of our invention consists in a peculiarly-devised shackle for connecting reins, the details of which can only be understood by inspection of the drawings and specification.

Drawings.

Figure 1 is a plan of the shackle.

Figure 2 is a plan of the part containing the swivel.

Figure 3 is a plan of the part to which the spring is attached.

Figure 4 is a longitudinal section.

The construction of our shackle is as follows; A, made of any suitable metal, is an eye, riveted, by means of the pintle D, to the housing C, figs. 1, 2, and 4, in such a manner as to be free to turn on the axis of the pintle; in other words, it, with the housing C, forms a swivel.

B is another eye, having an elongated shank, C′, which slips into the housing C, as shown in figs. 1 and 4.

H H′, fig. 4, is made of elastic metal, and formed substantially as represented in the drawings, so that it may serve the double purpose of a tongue for the eye or buckle, B, and a spring-latch for holding the two parts of the swivel together. This tongue is represented by full lines H H′, in fig. 4, and also in another position by dotted lines *h h′* and *k*.

N O, figs. 1, 2, and 4, is an opening made in the housing C, into which the end, K, of the latch or tongue catches when the two parts of the swivel are put together.

To separate the two parts of the swivel, we have simply to press on H′, fig. 4; this will bear the hook K down, which will release the parts.

Having thus described our invention, we will now set forth our claim.

What we claim as our invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, a rein-shackle, made substantially as described, as and for the purposes set forth.

JOSEPH HALE,
WM. HALL.

Witnesses:
FRANK G. PARKER,
A. HUN BERRY.