

(No Model.)

R. TUMBELSON.
TERRET.

No. 455,836.

Patented July 14, 1891.

Fig. 1.

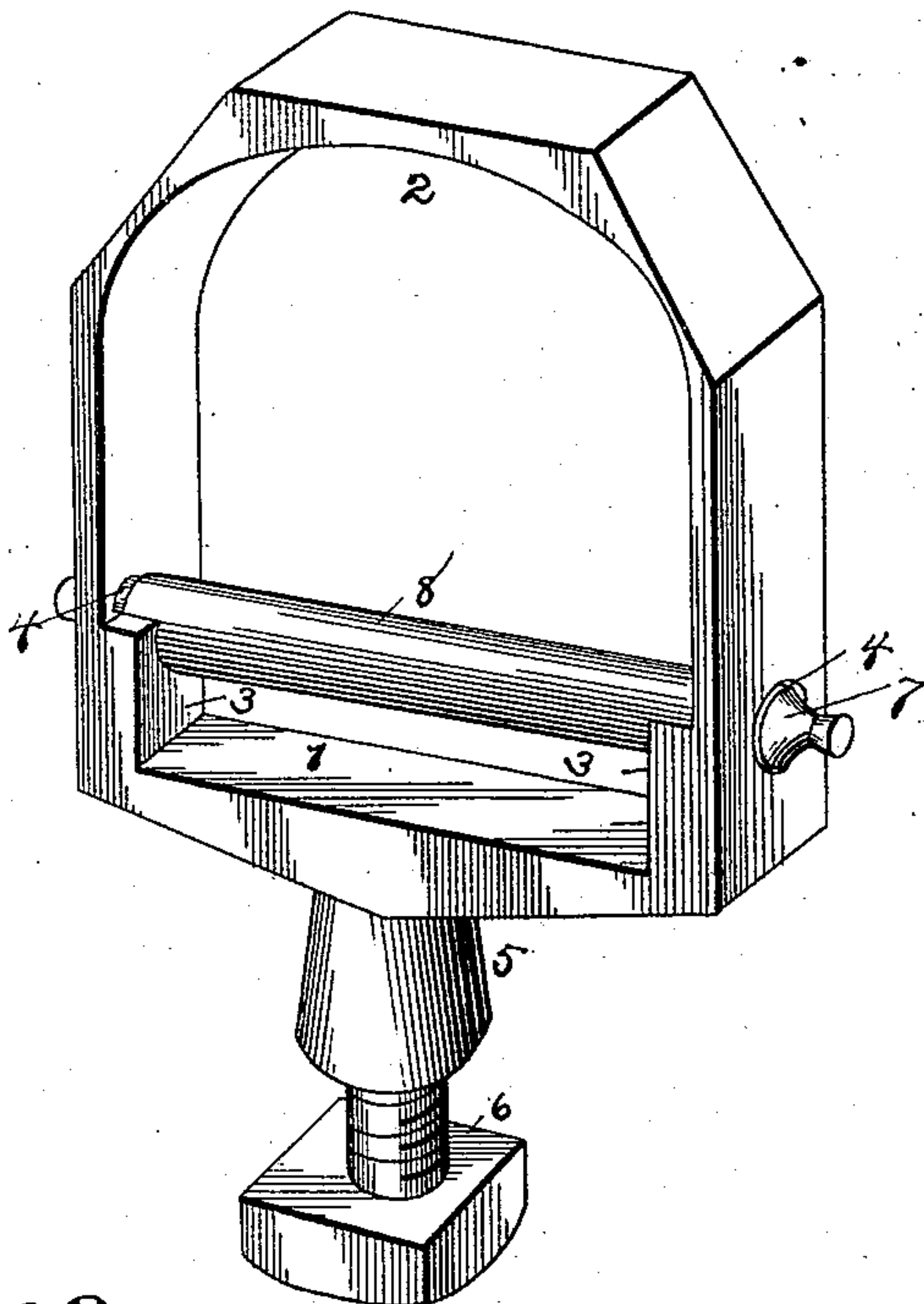
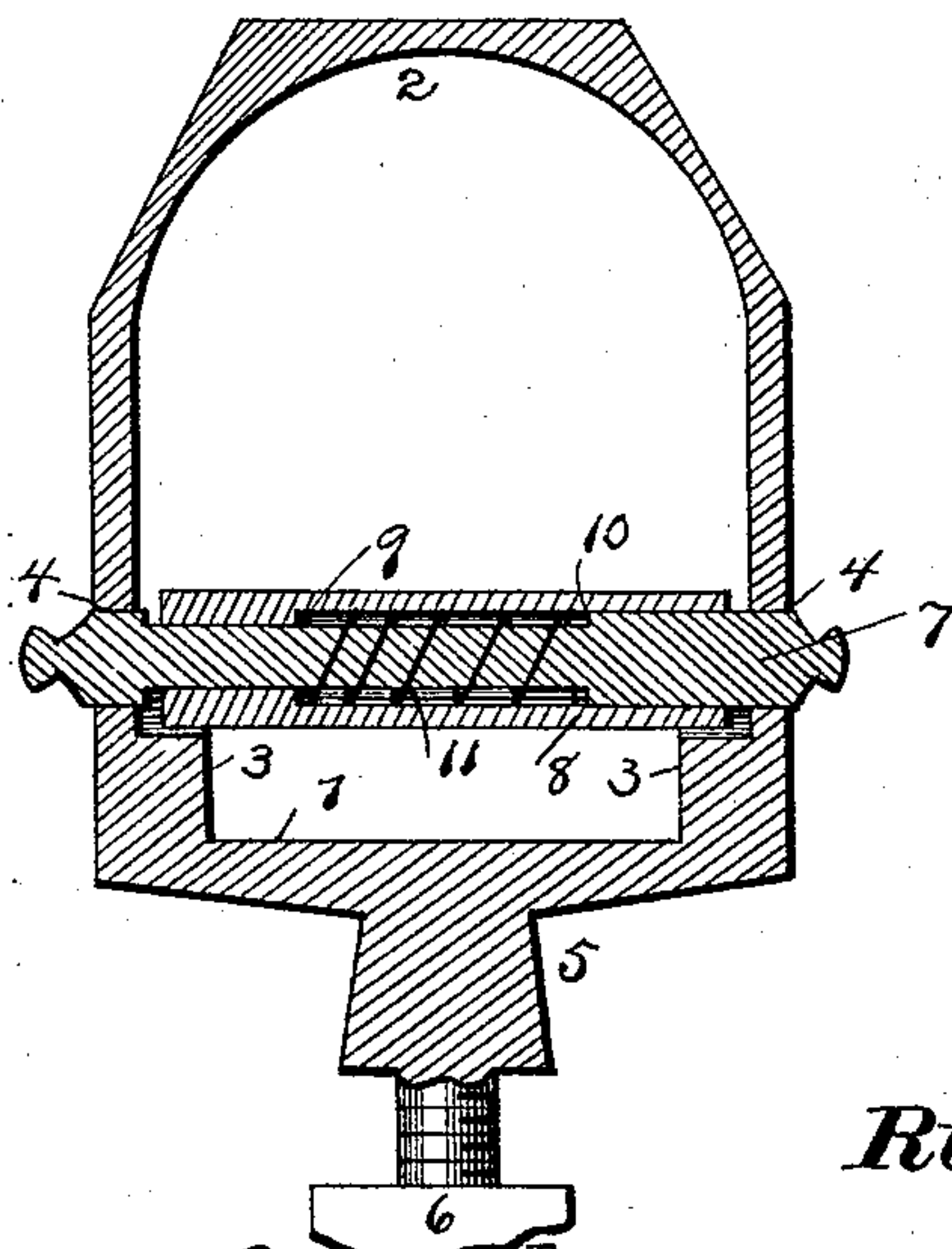


Fig. 2



Witnesses:

O. S. Ober

W. S. Duvall

By his Attorneys,

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Inventor
Rile Tumbelson.

UNITED STATES PATENT OFFICE.

RILE TUMBELSON, OF LOMBARDVILLE, ILLINOIS.

TERRET.

SPECIFICATION forming part of Letters Patent No. 455,836, dated July 14, 1891.

Application filed February 24, 1891. Serial No. 382,586. (No model.)

To all whom it may concern:

Be it known that I, RILE TUMBELSON, a citizen of the United States, residing at Lombardville, in the county of Stark and State of Illinois, have invented a new and useful Terret, of which the following is a specification.

My invention relates to improvements in terrets, and is especially designed for use in double harness, though, as will hereinafter appear, it possesses some of the main advantages when used in single harness.

The objects of the invention are to provide a terret-ring constructed in such a manner as to prevent any kinking or twisting of the reins, whether of a single or double team, and, furthermore, to so construct said terret as when used in a double harness to prevent the passage therethrough of the buckle of the reins when said reins are unevenly drawn upon by the horses composing the team.

Other objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the claim.

Referring to the drawings, Figure 1 is a perspective of a terret constructed in accordance with my invention. Fig. 2 is a vertical longitudinal section of the same.

Like numerals of reference indicate like parts in all the figures of the drawings.

In practicing my invention I construct a loop or ring consisting of a lower base or transverse portion 1, and an upper bowed portion 2, the opposite terminals of the latter near the base being thickened and provided with concaved bearing-shoulders 3, concentric with which each terminal is provided with a bearing-opening 4. From the under side of the base depends a stud 5, which is reduced for about one-half of its length, and provided with threads designed to enter the saddle of a harness, to which it is secured by means of the usual nut 6. A transverse shaft 7 is journaled in the bearing-openings 4, and terminates beyond the same in heads 5. A metal or other sleeve 8 is mounted loosely upon the shaft and within the shoulders 3, and is provided upon its inner side or bore with an annular shoulder 9, and at the opposite end thereof the shaft is shouldered at 10. Be-

tween these two shoulders a light coiled spring 11 encircles the pin, so that while the sleeve is free to revolve upon the pin, yet the pin is capable of being forced at one end within the sleeve, by which means it will be obvious that the shaft and sleeve may be mounted in the bearing-openings and recesses provided.

In practice the line is passed under the sleeve and over the base 1, the space between which is just sufficient to permit of an easy working of the lines therein. The buckle of the lines prevents a withdrawal or pulling of the lines through the ring by reason of the sudden starting ahead of one horse of the team or the tossing of the heads of either. The ring, it will be observed, is not so blocked as to prevent a tying up of the reins when desired, and by pressing the shaft within the sleeve and swinging the latter laterally the sleeve and shaft may be removed. Such, however, is not necessary except when oiling the harness. By reason of confining the lines between the base of the terret and the sleeve said lines are prevented from kinking or twisting and always lie flat upon the back of the animal.

Having described my invention, what I claim is—

The combination, with the terret-ring comprising a flat transverse base and the upper curved portion or arch, the latter at its sides having bearing-openings immediately above the base, a transverse shaft journaled in the openings reduced between its ends and terminating beyond the ring, a loose sleeve mounted on the shaft and having a shoulder within its bore, and a coiled spring encircling the reduced portion of the shaft and interposed between a shoulder on the shaft and the shoulder of the sleeve, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

RILE TUMBELSON.

Witnesses:

CHARLES E. MAYNARD,
JOHN SWEARINGEN.