

A. S. DOW.

Neck Yoke.

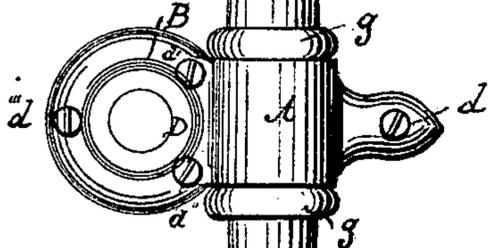
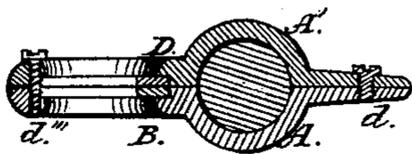
No. 40,141.

Patented Sept. 29. 1863.

Fig. 1.



Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALBRO S. DOW, OF CEDARVILLE, NEW YORK, ASSIGNOR TO HIMSELF AND ELIJAH W. WILCOX, OF SAME PLACE.

IMPROVEMENT IN NECK-YOKES AND WHIFFLETREES.

Specification forming part of Letters Patent No. **40,141**, dated September 29, 1863.

To all whom it may concern:

Be it known that I, ALBRO S. DOW, of Cedarville, county of Herkimer, and State of New York, have invented a certain new and useful Improvement in Irons for Neck-Yokes and Whiffletrees; and I do hereby declare that the following is a full, clear, and exact description thereof reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My improvement consists in making an attachment for neck yokes or whiffletrees. This device or improvement is made in two parts or halves, and is secured to the neck-yoke or whiffletree by fitting on the upper part of said device, or "iron," as I prefer to call it, to said neck-yoke or whiffletree, and then screwing the two parts together by means of screws. The upper part of this iron is tubular or cylindrical and conforms to the shape of the neck yoke or whiffletree, whichever it may be. At the lower end of this iron projects a ring, between the two parts of which is introduced a leather packing for the purpose of lessening the friction or abrasion between the said ring and the pole or tongue of the carriage, and also for the purpose of deadening the noise and clatter which accompanies the devices now in use.

The packing hereinbefore mentioned need not necessarily be of leather. India-rubber or any other convenient material that will accomplish the desired result will do as well. When the packing is worn out, a new one may introduced by merely unscrewing the two parts or halves.

In the accompanying drawings, Figure 1 is a front elevation of a neck with the iron attached. Fig. 2 is a vertical transverse sec-

tion through the neck-yoke, showing a longitudinal section of the iron.

A A' are the two parts or halves of which the iron is constructed. These parts are secured together by means of the four screws $d d' d'' d'''$. The iron is prevented from shifting laterally by means of the stops or beads $g g'$. At the lower end of the iron there is a projecting ring, B, between the two parts of which the leather packing D is secured. Said packing projects at least one-eighth of an inch from the interior periphery of the ring B and is concentric with it. The object of the leather packing, as before mentioned, is to lessen the friction on the shaft or tongue of the carriage. It is well before fastening the irons A A' to the neck-yoke to run a strip or band of leather between the stops or beads $g g'$, as it deadens the noise and prevents the wearing, &c., of the neck-yoke or whiffletree, whichever it may be attached to. Being a firm and substantial fastening, this iron, in case either the neck-yoke or whiffletree is broken by accident, may be applied to a new neck yoke or whiffletree.

Having thus fully described my said invention, what I claim and desire to secure by Letters Patent of the United States, is—

1. The combination of the leather or other packing D with the ring B, made in two parts, and united by the screws $d d' d'' d'''$, or their equivalents.

2. The combination of the tubular or cylindrical portion made in two parts, as described, with either a neck-yoke or whiffletree, substantially as and in the manner set forth.

Witnesses: ALBRO S. DOW.

WILLIAM HOSFORD,
B. E. DAVIS.