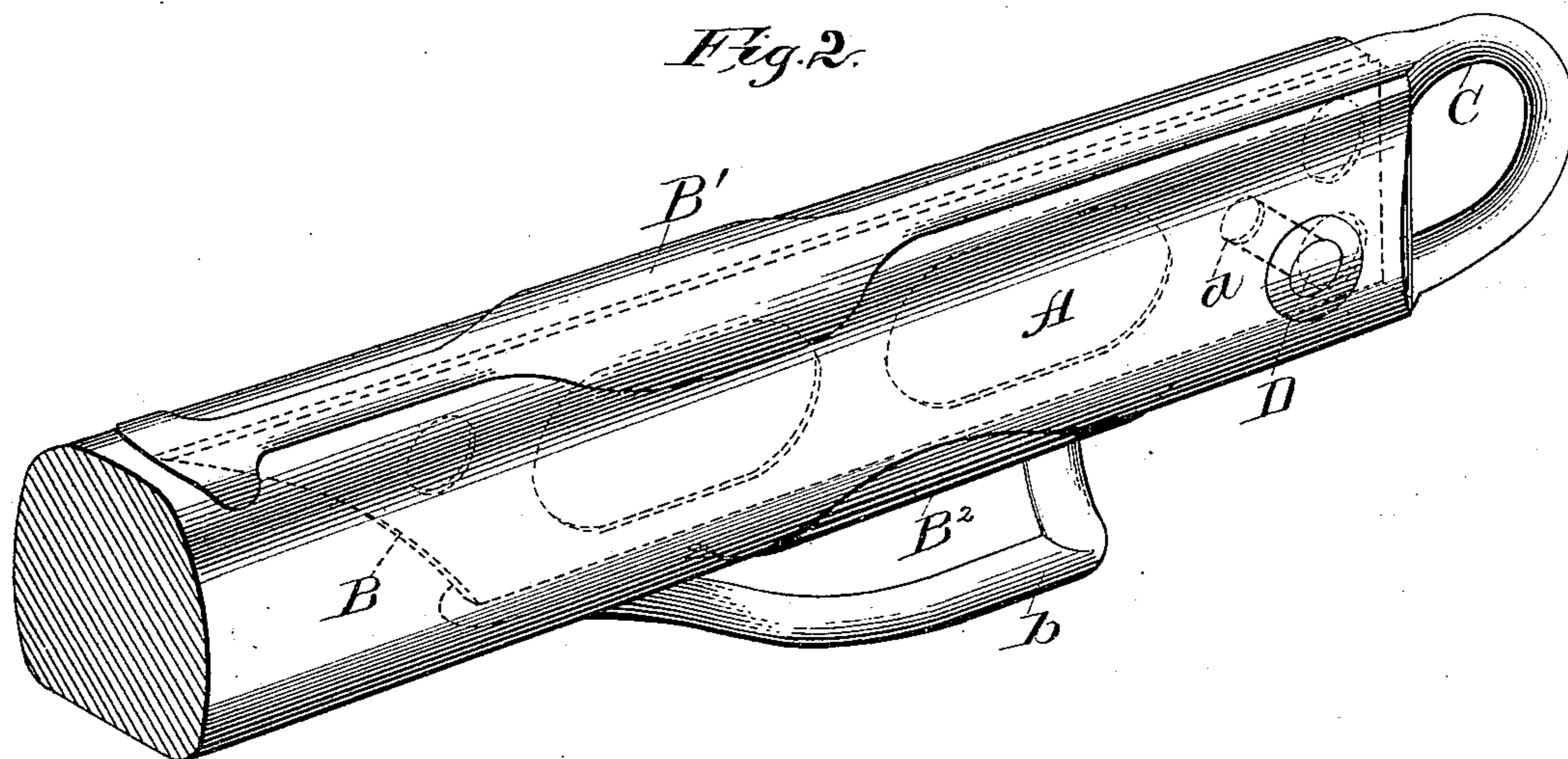
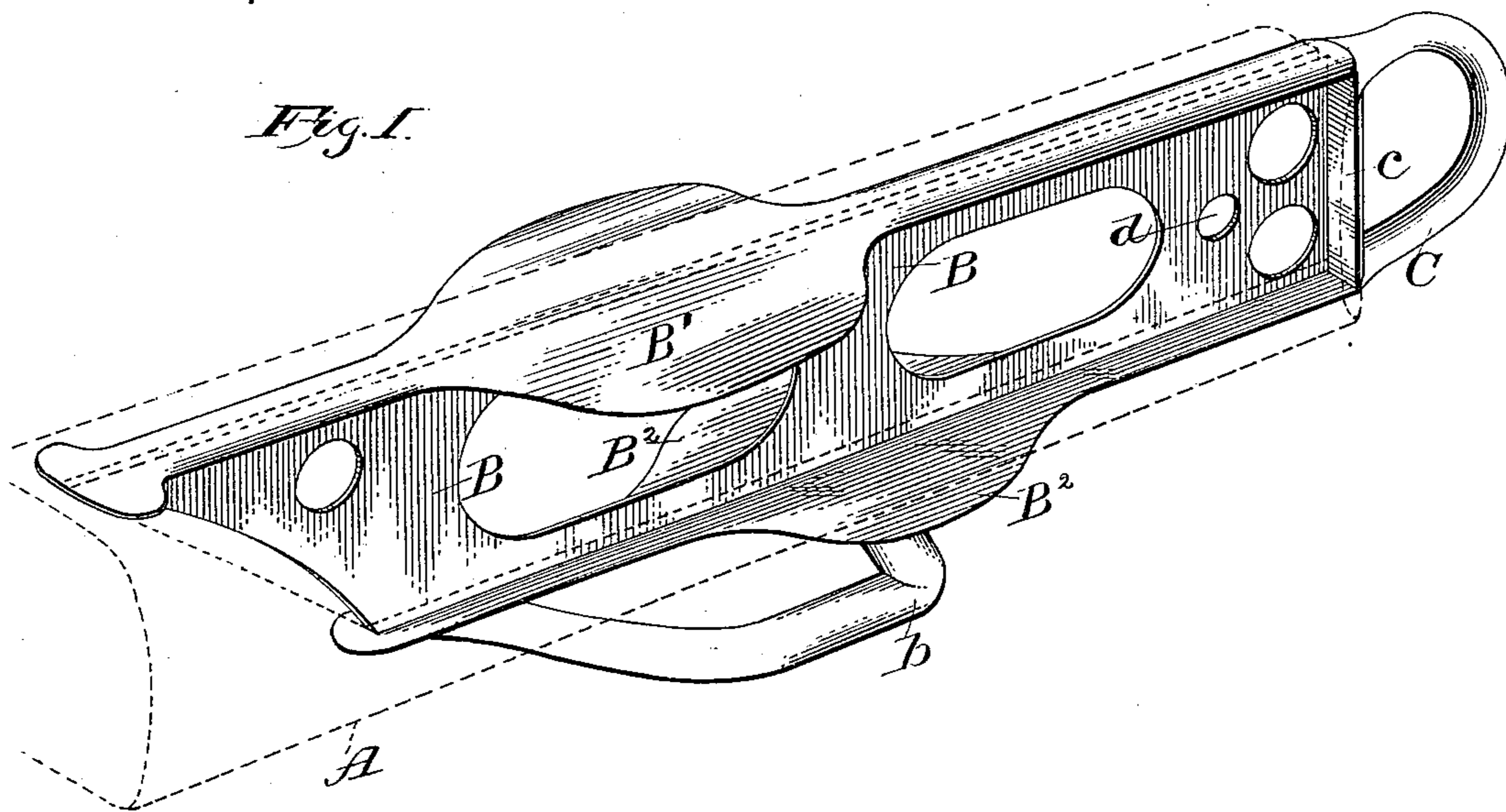


(No Model.)

O. VANORMAN.
WAGON TONGUE IRON.

No. 332,766.

Patented Dec. 22, 1885.



Witnesses:

E. G. Jones

R. Platz

Inventor:

O. Vanorman,

By J. H. Underwood,
Attorneys.

UNITED STATES PATENT OFFICE.

OLIVER VANORMAN, OF ROCKFORD, ILLINOIS, ASSIGNOR OF ONE-HALF TO
HENRY W. HURLBUT, OF RACINE, WISCONSIN.

WAGON-TONGUE IRON.

SPECIFICATION forming part of Letters Patent No. 332,766, dated December 22, 1885.

Application filed March 27, 1885. Serial No. 160,234. (No model.)

To all whom it may concern:

Be it known that I, OLIVER VANORMAN, of Rockford, in the county of Winnebago, and in the State of Illinois, have invented certain new
5 and useful Improvements in Wagon-Tongue Irons; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to holdback-irons for
10 wagon-tongues, and will be fully described hereinafter.

In the drawings, Figure 1 is a perspective view of my improved holdback-iron, and Fig. 2 is a like view of the front end of a wa-
15 gon-tongue with one of my irons in place thereon.

A is the tongue, which is slotted vertically to receive the web B of my improved iron, which latter has a flange, B', at top, and a
20 similar flange, B², at the bottom, which after the web has been inserted in the tongue are to be bent over so as to clamp it and conform to its shape, forming wear-irons. The lug b for the neck-yoke ring depends from the un-

der side of the flange B², and from a front flange, c, the clevis C extends.

My iron is cast entirely in one piece, and when in place on the tongue is secured by a bolt or rivet, D, that passes through the tongue and an opening, d, in the web.

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

As a new article of manufacture, a holdback-iron for wagon-tongues, consisting of a central web adapted for insertion into a slot in the tongue, and flanges that clamp the tongue from above and below, a lug for the neck-yoke ring on its under side, and a clevis in front, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand, at Rockford, in the county of Winnebago and State of Illinois, in the presence of two witnesses.

OLIVER VANORMAN.

Witnesses:

S. G. BRONSON,
H. D. EASTMAN.