

H. SENSENBAUGH.  
Draft-Equalizer.

No. 166,639.

Patented Aug. 10, 1875.

Fig. 1.

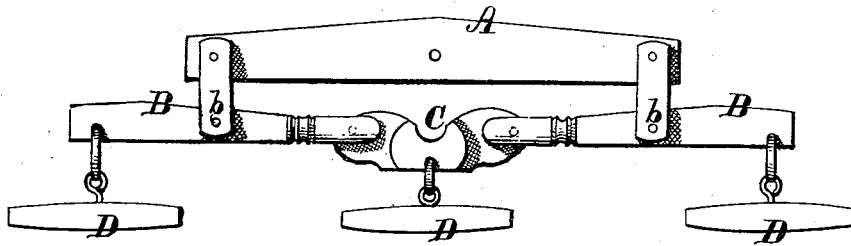
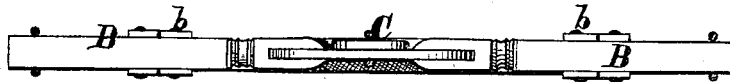


Fig. 2.



WITNESSES:

Jas. Hutchinson  
 John R. Young

INVENTOR.

Harry Sensenbaugh, by  
 Prindle and Lee his Attys.

# UNITED STATES PATENT OFFICE.

HENRY SENSENBAUGH, OF SHARON, ILLINOIS.

## IMPROVEMENT IN DRAFT-EQUALIZERS.

Specification forming part of Letters Patent No. **166,639**, dated August 10, 1875; application filed June 11, 1875.

*To all whom it may concern:*

Be it known that I, HENRY SENSENBAUGH, of Sharon, in the county of Henry and in the State of Illinois, have invented certain new and useful Improvements in Draft-Equalizers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a plan view of the upper side of my improved device, and Fig. 2 is an elevation of the front side of the same.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to increase the strength and durability of three-horse draft-equalizers; and it consists in the means employed for connecting together the inner ends of the equalizer-bars, substantially as and for the purpose hereinafter specified.

In the annexed drawings, A represents an evener, to or upon each end of which is pivoted a lever or equalizer-bar, B, that has its longest portion inside of its pivotal bearing *b*. The inner ends of the bars B and B are slotted horizontally and longitudinally, and within such slots is placed a plate, C, that loosely fills the same, extends between said bars, and

is pivoted at its ends to or within the ends of the same. As thus arranged a whiffletree, D, is attached to the outer end of each bar B, and a third whiffletree, D', to the front edge and longitudinal center of the plate C, when the device is ready for use with three horses, in the usual manner.

The plate C forms a connection for the equalizer-bars, which, while perfectly flexible in a line with the draft, is sufficiently rigid vertically to prevent all motion of said bars in such direction, and not only increase their strength and durability, but render the device less liable to derangement and accident.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

In combination with the equalizer-bars B and B, the plate C, fitting into horizontal slots within, and pivoted to the ends of the same, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of May, 1875.

HENRY SENSENBAUGH.

Witnesses:

JOHN W. HORNER,  
JOSEPH C. ENTRIKIN.