

J. L. PADGETT.
WHIFFLETREE.
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1,167,211.

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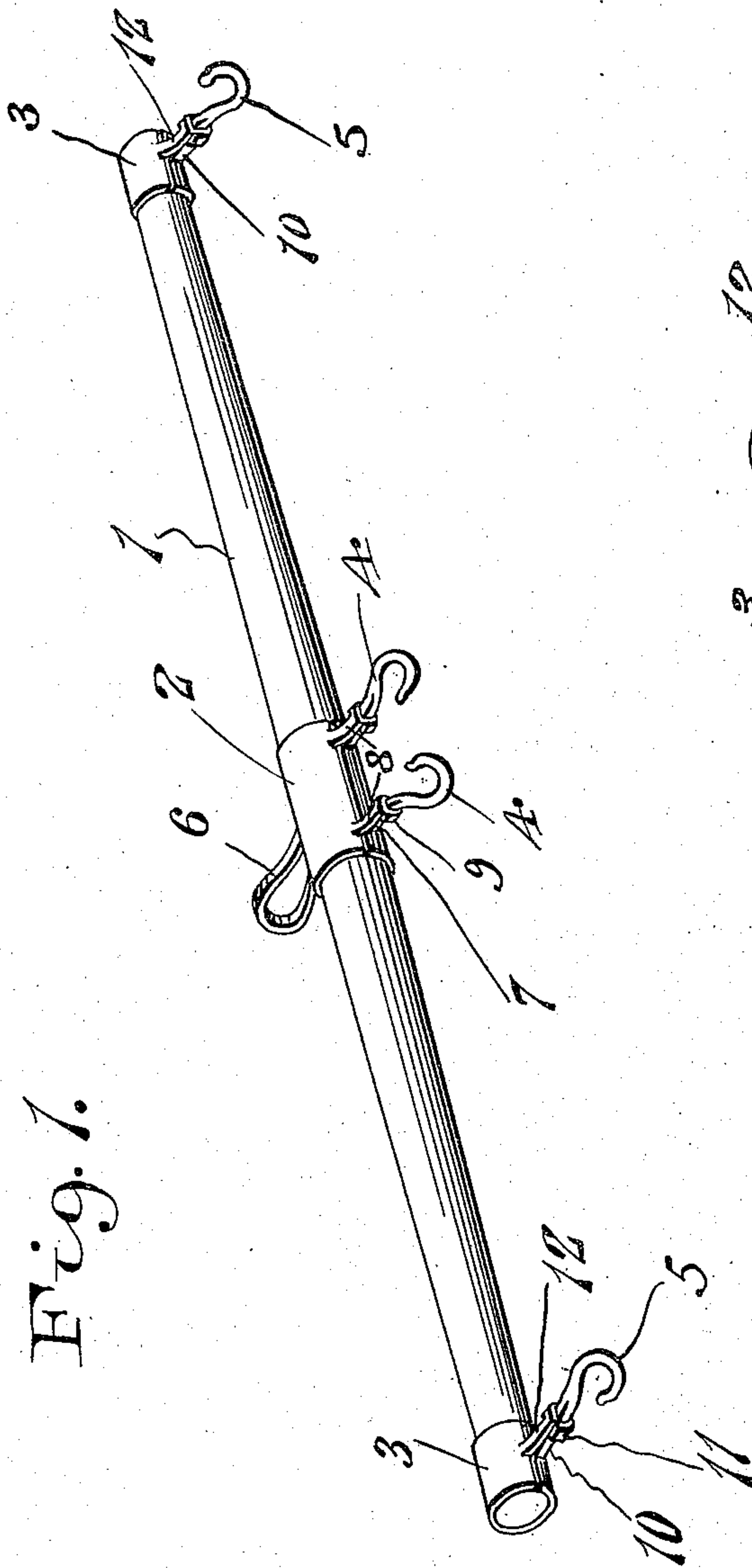


Fig. 1.

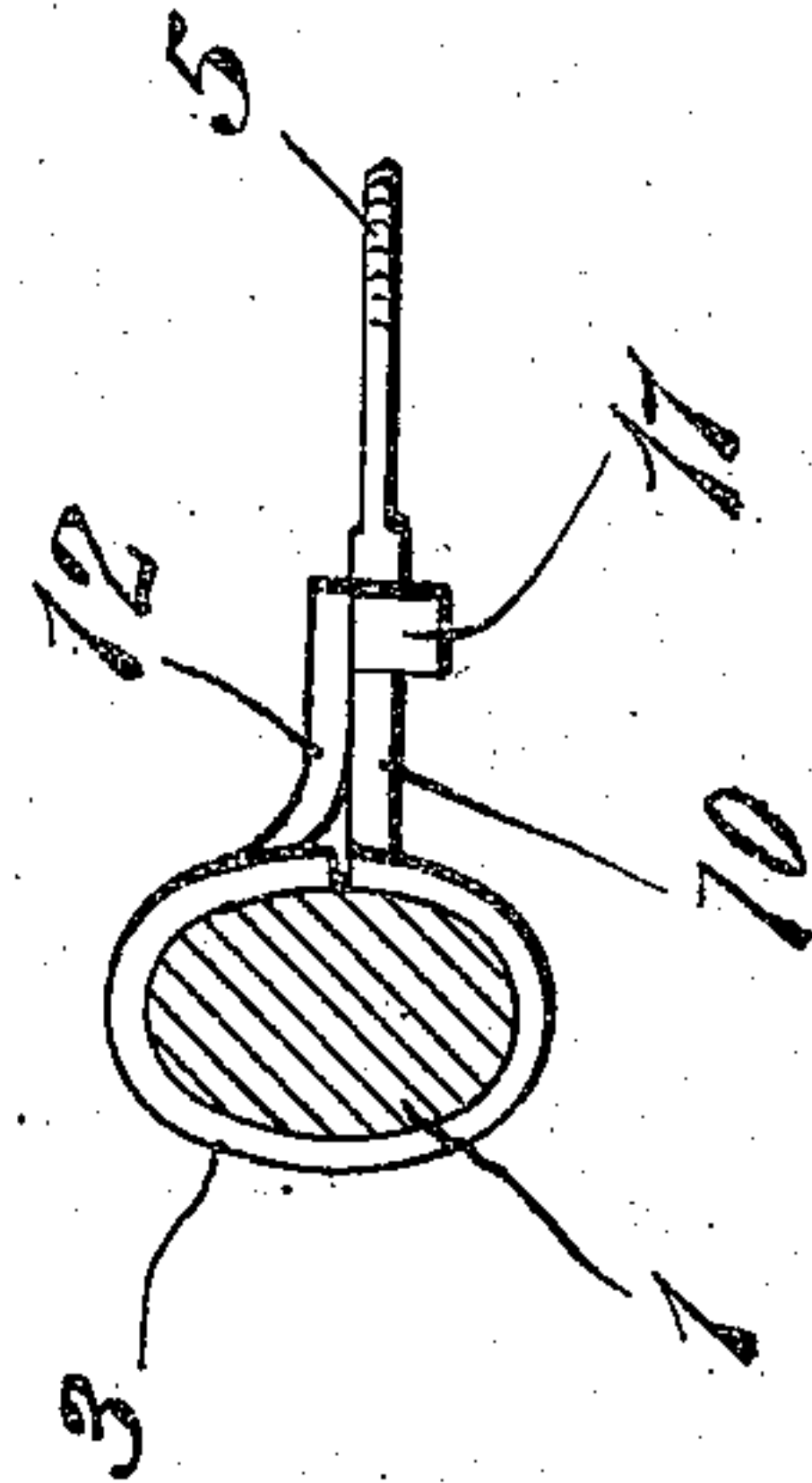


Fig. 2.

Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES L. PADGETT, OF MIZE, MISSISSIPPI, ASSIGNOR OF ONE-FIFTH TO WALTER C. CURRIE, OF RALEIGH, MISSISSIPPI.

WHIFFLETREE.

1,167,211.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES L. PADGETT, a citizen of the United States, residing at Mize, in the county of Smith and State of Mississippi, have invented certain new and useful Improvements in Whiffletrees; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to improvements in whiffle-trees.

The object of the present invention is to improve the construction of whiffle-trees and to provide a combined swingle-tree and double-tree designed particularly for use in plows, for breaking ground but adapted also for various other purposes and capable of eliminating the dropping of the swingle-trees and double-trees when turning at the end of a row or other point.

A further object of the invention is to provide a simple, practical and efficient device adapted to be easily and cheaply manufactured or repaired.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing Figure 1 is a perspective view of a whiffle-tree constructed in accordance with this invention, Fig. 2 is a transverse sectional view through one end of the whiffle-tree.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

In the accompanying drawing in which is illustrated the preferred embodiment of the invention 1 designates a whiffle-tree bar provided with central and end cuffs 2 and 3 carrying forwardly extending hooks 4 and 5 which are adapted to be connected to the traces of a pair of horses or other draft animals. The central cuff 2 is equipped

with a pair of the hooks 4 and the end cuffs 3 each have a single hook. The central cuff is also provided with a rearwardly extending loop 6 suitably secured to the cuff and adapted to be connected with a plow clevis or the like.

Each of the cuffs is constructed of a single piece of flat metal bent to embrace the whiffle-tree bar 1 and the central cuff is provided at one of its meeting edges with the hooks 4 preferably formed integral with the cuff by being drawn out of the metal of the same and having rectangular shanks square in cross section but any other form of shank may of course be employed.

The cuff is provided at its other meeting edge with forwardly projecting stems or arms 8 fitted against the shanks 7 of the hooks 4 and provided at opposite sides with lugs or flanges 9 which embrace the shanks 7 of the hooks 4. The end cuffs are provided at one of their meeting edges with the hooks 5 which have shanks 10 rectangular in cross section and engaged by lugs or flanges 11 of arms or stems 12 extending from the other meeting edge of the end cuffs. By this construction the cuffs are firmly secured to the whiffle-tree bar and the hooks are also braced and supported. The meeting edges of the cuffs may also be welded together to provide a solid continuous cuff. The whiffle-tree bar is preferably constructed of wood to provide a light device which may be easily handled and while the combined swingle-tree and double-tree is designed particularly in use on plows when breaking the ground it also may be advantageously employed for various kinds of hauling and similar operations.

What is claimed is:—

1. A whiffle-tree of the class described including a bar, and central and end cuffs embracing the said bar and each constructed of a single piece of flat metal bent to embrace the bar, the central cuff being provided with a pair of forwardly extending hooks and the end cuffs having a single hook, said hooks being drawn of the metal.

2. A whiffle-tree of the class described including a bar, a central cuff constructed of flat metal bent to embrace the bar and provided at one of its edges with rigid forwardly extending hooks having shanks con-

nected to the cuff, said cuff being provided at its other meeting edge with spaced lugs or flanges embracing the shanks of the hooks.

3. A whiffle-tree of the class described including a bar, provided with a central cuff
5 formed from a single piece of flat metal bent to embrace the bar and having meeting edges at the front of the bar, a pair of hooks rigid with and extending from the cuff at the said

meeting edges and a loop extending rear- 10
wardly from the cuff and carried by the same.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES L. PADGETT.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."