

E. B. MANASEK.
FORK ATTACHMENT.

APPLICATION FILED MAY 17, 1909.

934,002.

Patented Sept. 14, 1909.

2 SHEETS—SHEET 1.

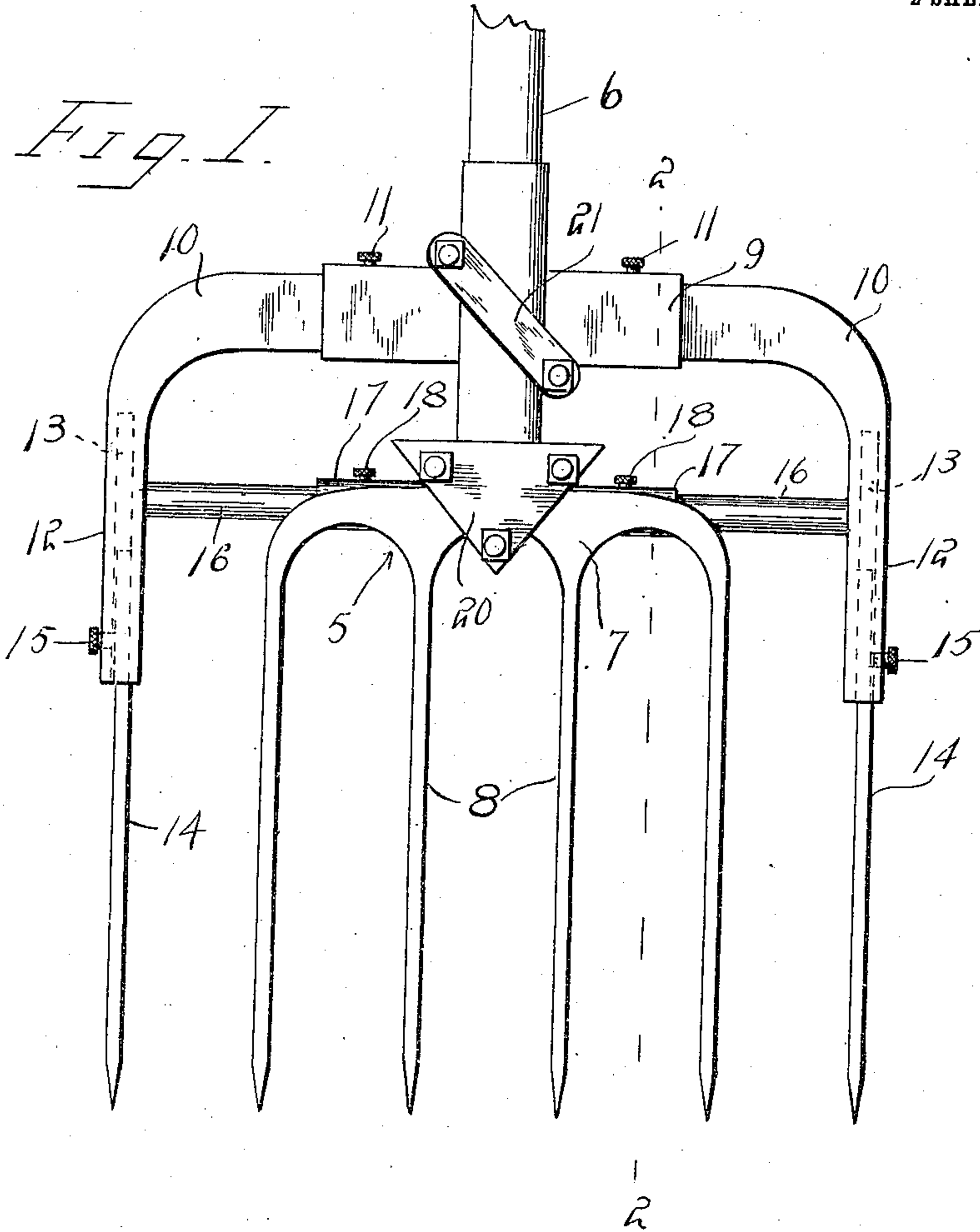


Fig. 4.

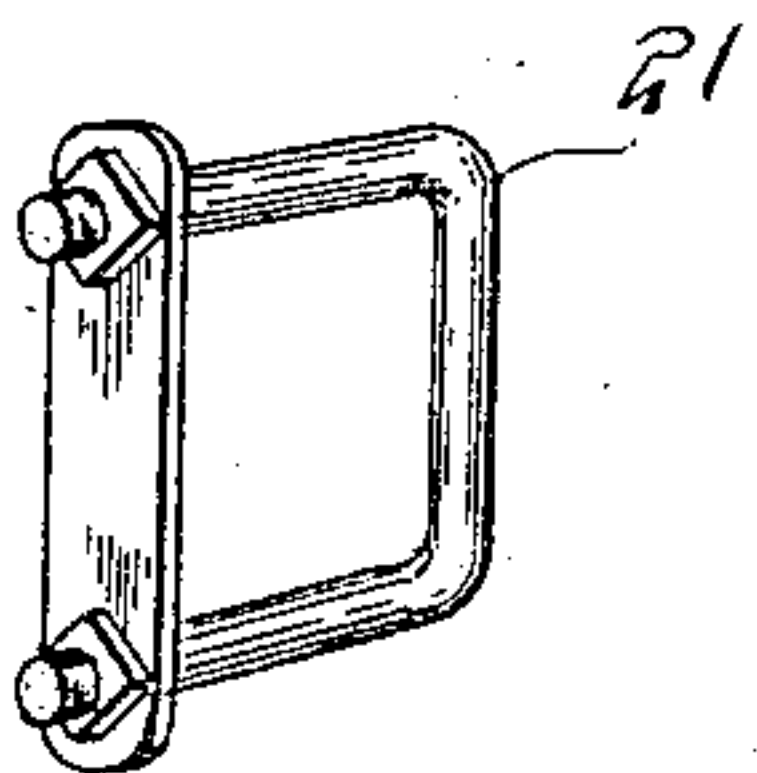
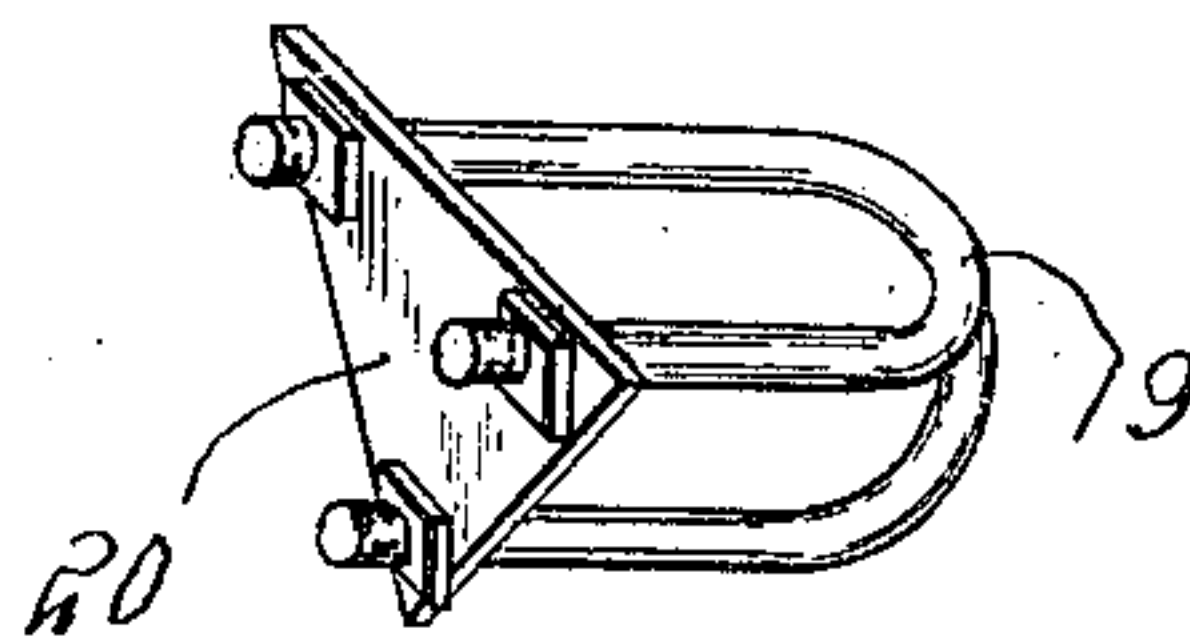


Fig. 5.



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2 SHEETS—SHEET 2.

Fig. 3.

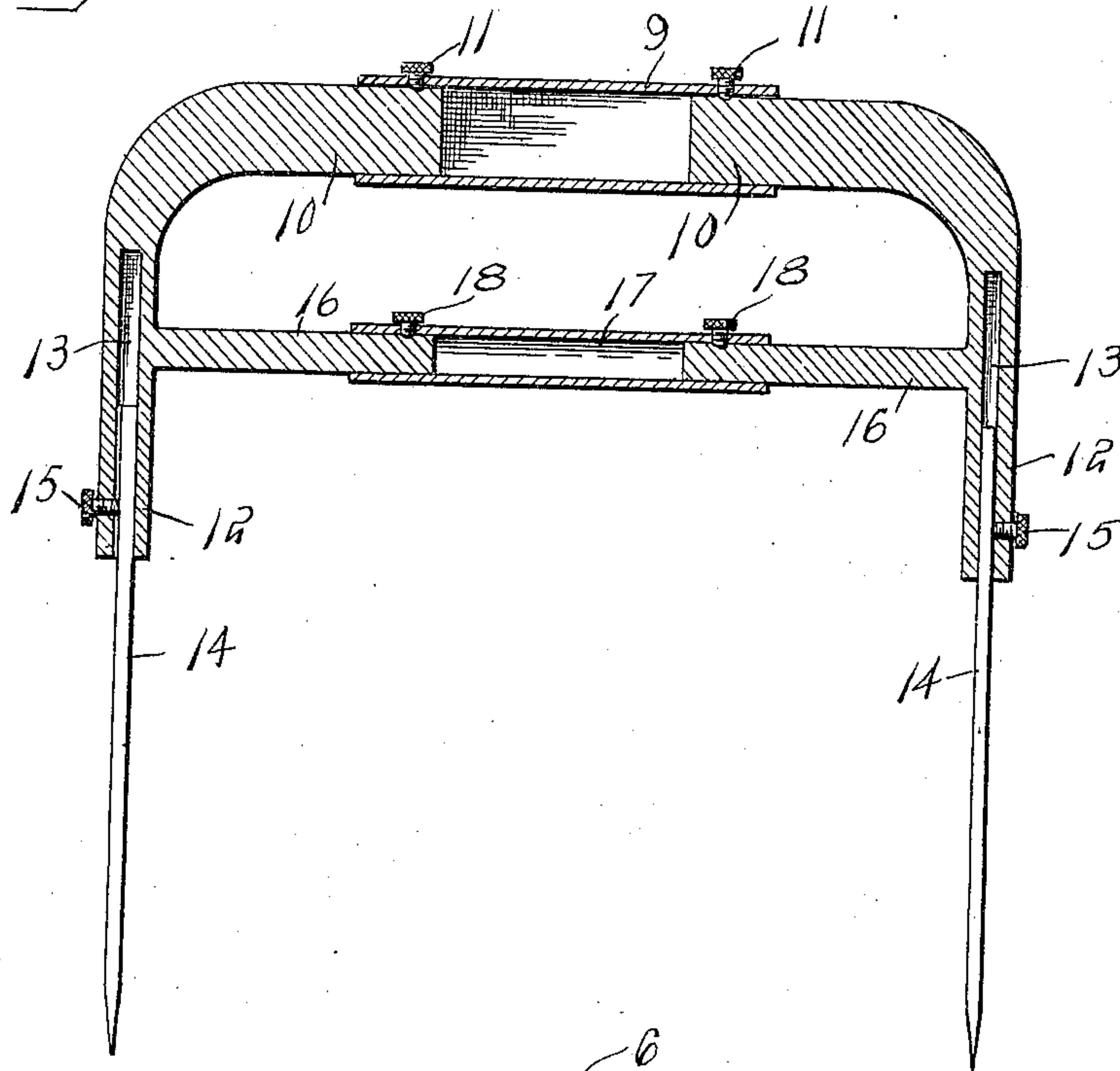
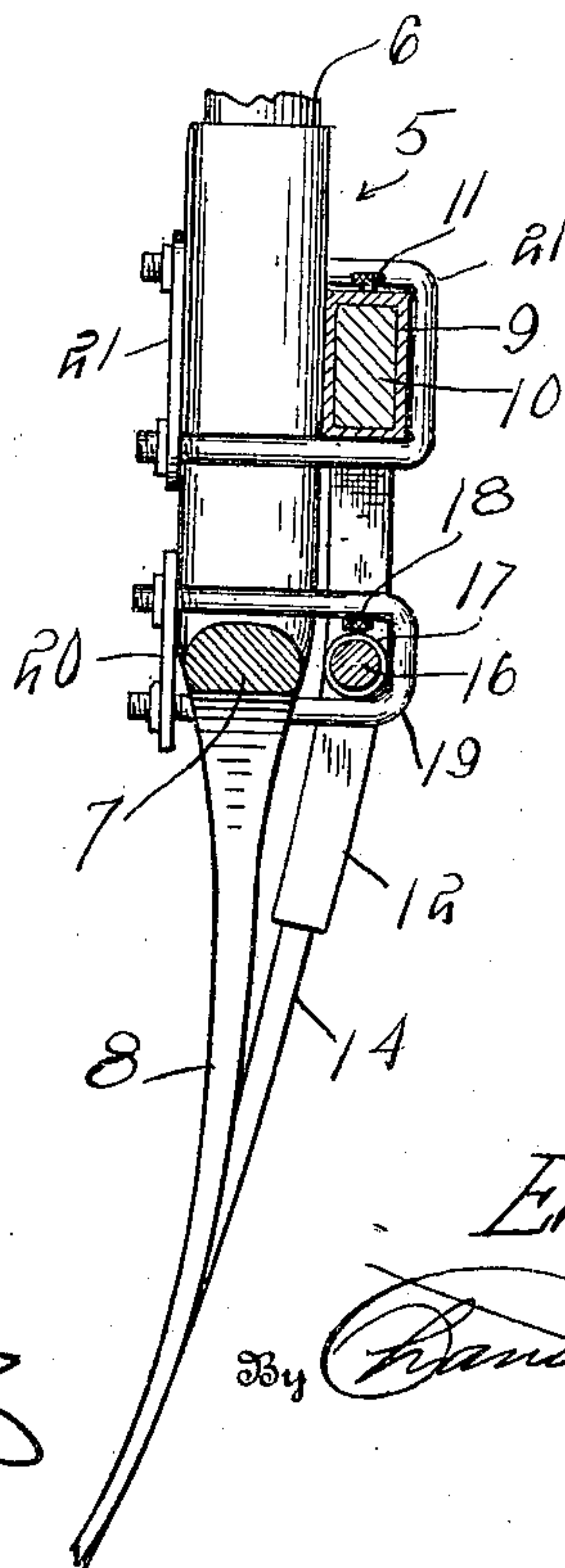


Fig. 2.



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UNITED STATES PATENT OFFICE.

EMIL B. MANASEK, OF QUINCY, WASHINGTON.

FORK ATTACHMENT.

934,002.

Specification of Letters Patent. Patented Sept. 14, 1909.

Application filed May 17, 1909. Serial No. 496,352.

To all whom it may concern:

Be it known that I, EMIL B. MANASEK, a citizen of the United States, residing at Quincy, in the county of Grant, State of Washington, have invented certain new and useful Improvements in Fork Attachments; 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 a fork attachment and more particularly to the class of attachments for hand, barley or hay forks.

The primary object of the invention is the provision of an attachment for forks in which the ordinary or well known hand manipulated forks may have its forked head widened or narrowed to accommodate the same for carrying large or small loads should the occasion so demand.

Another object of the invention is the provision of a fork attachment which will enable an ordinary fork to be converted into a barley or hay fork at the will of a user and that will also permit the spreading apart or bringing together of the prongs of the fork head to increase or decrease the load carrying qualities of the fork head, and means for holding the attachment in adjusted position.

A further object of the invention is the provision of a fork attachment which is simple in construction, readily and easily attached and detached from an ordinary fork, and that is thoroughly efficient in operation and inexpensive in the manufacture.

With these and other objects in view the invention consists in the construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawings which disclose the preferred form of embodiment of the invention to enable those skilled in the art to practice the said invention, and as brought out in the claims hereunto appended.

In the drawings:—Figure 1 is a front elevation of an ordinary fork with the invention applied thereto. Fig. 2 is a sectional view on the line 2—2 of Fig. 1. Fig. 3 is a longitudinal sectional view through the attachment. Fig. 4 is a detail perspective view of one of the clamps. Fig. 5 is a detail perspective view of the other clamp.

Similar reference characters indicate cor-

responding parts throughout the several views in the drawings.

In the drawings, the numeral 5 designates generally an ordinary or well known hand manipulated fork for use in lifting hay or the like, and comprises the usual handle 6, to one end of which is fixed the fork head 7, having the usual fork prongs or teeth 8. It is of course to be understood that this fork 5, may not be of the identical shape shown but may be of any other well known shapes or construction, and the same is merely shown to illustrate the manner of connecting the fork attachment thereto which forms the subject matter of the present invention and that will be hereinafter more fully described.

The fork attachment comprises a flattened hollow head sleeve 9, into which fit the inner ends of adjustable sections or branches 10, which latter are held adjustably fixed within the head sleeve 9, by set screws 11. The downwardly curved extensions or shanks 12, of the sections 10 are provided with prong receiving sockets 13, into which are detachably fitted fork prongs or teeth 14, the latter held detachably secured by set screws 15, threaded in the extensions or shanks of the attachment.

Integral with the extensions or shanks 12, and projecting inwardly therefrom toward each other are brace arms or rods 16, the latter having their inner ends adjustably telescoping in a hollow coupling sleeve 17, and the same being fastened thereto by set screws 18, threaded in the coupling sleeve 17. It will be obvious that the sections 10, carrying the prongs or forks 14, are capable of being spread apart or brought closer together as the occasion may demand.

To mount the attachment to the fork heads 7 of the fork 5, there is provided a triple or three pronged clamp 19, which engages the bowed portion of the prongs and the coupling sleeve 17, and is detachably secured thereto by lock nuts threaded on the prongs and bearing against a triangular shaped plate 20. The head sleeve 9, is clamped to the head of the fork 5, by a clevis 21, which is of the ordinary construction and readily detachable when it is desired to remove the attachment from the fork head. It is of course understood that the three pronged clamp must be removed when the clevis is detached to release the attachment from the fork.

It is apparent that when this attachment

is in use upon a fork the load carrying area of the fork head may be readily and easily increased or diminished by the proper adjustment of the attachment.

5 What is claimed is:—

1. An attachment of the class described comprising a head sleeve, sections adjustably fitted in opposite ends of said sleeve and containing sockets, fork prongs detachably fitted
10 in said sockets, brace rods projecting inwardly toward each other from said sections, a coupling sleeve adjustably receiving the inner ends of said brace rods, and means for holding the brace rods in adjusted position.
- 15 2. An attachment of the class described comprising a head sleeve, sections adjustably

fitted in opposite ends of said sleeve and containing sockets, fork prongs detachably fitted in said sockets, brace rods projecting inwardly toward each other from said sections, a coupling sleeve adjustably receiving the inner ends of said brace rods, means for holding the brace rods in adjusted position, and means for detachably mounting the attachment upon the fork head of a fork. 20 25

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

EMIL B. MANASEK.

Witnesses:

F. M. MARBLE,
J. J. Cox.