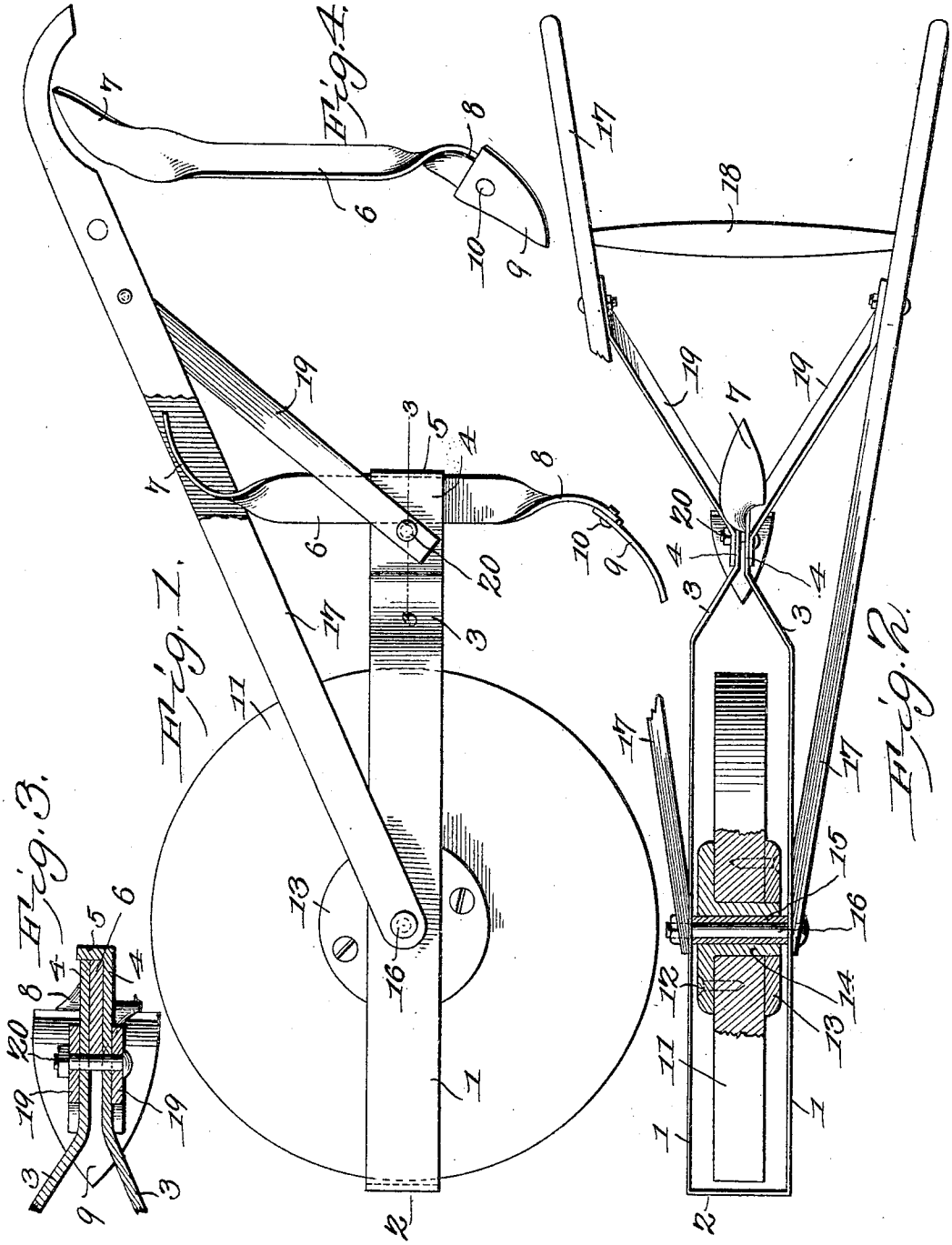
No. 801,381. PATENTED OCT. 10, 1905.

W. E. JONES.

GARDEN PLOW.

APPLICATION FILED JULY 10, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM E. JONES, OF ELLISVILLE, MISSISSIPPI.

GARDEN-PLOW.

No. 801,381. Specification of Letters Patent Patented Oct. 10, 1905.

Application filed July 10, 1905. Serial No. 268,984.

To all whom it may concern:

Be it known that I, WILLIAM E. JONES, a citizen of the United States, residing at Ellisville, in the county of Jones and State of Mississippi, have invented a new and useful Garden-Plow, of which the following is a specification.

This invention relates to garden-plows such as are usually propelled by hand for the purpose of opening furrows for the reception of seed, for cultivating and trimming, and for other like purposes in the planting and cultivation of garden stuff.

Among the objects of the invention are to improve and simplify the construction and operation of this class of devices, and especially to provide an improved frame adapted to hold a reversible stock or standard, and also to improve the construction of the transporting-wheel upon which said frame is mounted.

With these and other ends in view, which will readily appear as the nature of the invention is better understood, the same consists in the improved construction and novel arrangement and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the accompanying drawings has been illustrated a simple and preferred form of the invention, it being, however, understood that no limitation is necessarily made to the precise structural details therein exhibited, but that changes, alterations, and modifications within the scope of the invention may be resorted to when desired.

In said drawings, Figure 1 is a side elevation of a garden-plow constructed in accordance with the principles of the invention, a portion of one handle being broken away. Fig. 2 is a top plan view, partly in section. Fig. 3 is a sectional detail view taken on the plane indicated by the line 3 3 in Fig. 1. Fig. 4 is a perspective detail view of the standard detached.

Corresponding parts in the several figures are indicated throughout by similar characters of reference.

The frame of this improved hand-plow or garden-plow is bent upon a single strip of metal, such as iron or steel, of suitable dimensions, said strip being bent to form parallel side members 1 1, connected by a front cross-piece 2 and having converging rear ends 3 3, which terminate in parallel portions 4 4, one of which is provided at its rear edge with a flange 5, extending over the rear edge of the other terminal portion. Between said terminal portions there is inserted a shank or standard 6, the rear edge of which lies in contact with the flange 5, said shank or standard being twisted at the extremities thereof so as to form at one end a blade 7 and at the other end a seat 8, upon which a blade 9 of any suitable size and shape may be supported, as by means of a bolt 10.

The carrying-wheel 11 is preferably made of wooden planks suitably shaped and jointed together, and upon the sides of said wheel are secured clamping-plates 12 and 13, both of which are centrally perforated and the former of which has an inwardly-extending sleeve 14 extending through the central perforation of the latter. Within said sleeve is placed a spacing-tube 15, the ends of which abut upon the inner sides of the side members of the frame, said tube serving as an axis upon which the wheel is freely rotatable, the tube being secured by means of a bolt 16, extending therethrough and through the side members of the frame. The bolt 16 also serves to retain in position the lower ends of the handles 17, which are connected near their upper ends by a rung 18. The handles are supported at the desired inclination by means of braces 19, the lower ends of which are secured upon a bolt 20, which connects the rear extremities 4 4 of the side members of the frame and serves to clamp the same upon the standard 6, which latter is thus retained securely in the desired position.

It will be observed that when the plow is in operation the front edge of the standard will bear against the bolt 20 and its rear edge against the flange 5, whereby it is firmly braced and secured against displacement. To reverse the standard, it is only necessary to remove the bolt 20, when said standard may be readily removed by springing the rear extremities of the frame apart, after which the standard may be reversed and reinserted. It is obvious that the standard may be supported at various elevations according to the work that is to be performed.

This improved device is extremely simple in construction and easily manufactured at a very small expense, while in operation it is found to be thoroughly efficient for the purposes for which it is intended.

Having thus described the invention, what is claimed is—

1. In a garden-plow, a frame having parallel side members, a supporting-wheel, clamp-

ing-plates secured on opposite sides of said wheel, one of said plates being provided with an inwardly-extending sleeve extending through a perforation in the other plate, a spacing-tube extending through said sleeve and abutting upon the inner sides of the side members of the frame, and a connecting-bolt.

2. In a garden-plow, a frame having rear terminal parallel clamping portions one of which is provided with a flange overlying the rear edge of the other clamping portion, a blade-carrying standard disposed between said clamping portions, a wheel disposed between the side members of the frame, a bolt supporting said wheel and its related parts, handles engaging said bolt, braces connected with the handles, and a bolt connecting said braces and extending through the rear parallel clamping portions of the frame in contact with the front edge of the blade-carrying standard.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM E. JONES.

Witnesses:
I. J. NEWELL,
B. F. FRIDGE.