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PATENTED NOV. 27, 1906.

G. STAPP & N. K. ROBERTSON.

COVERER FOR PLANTERS.

APPLICATION FILED MAY 21, 1906.

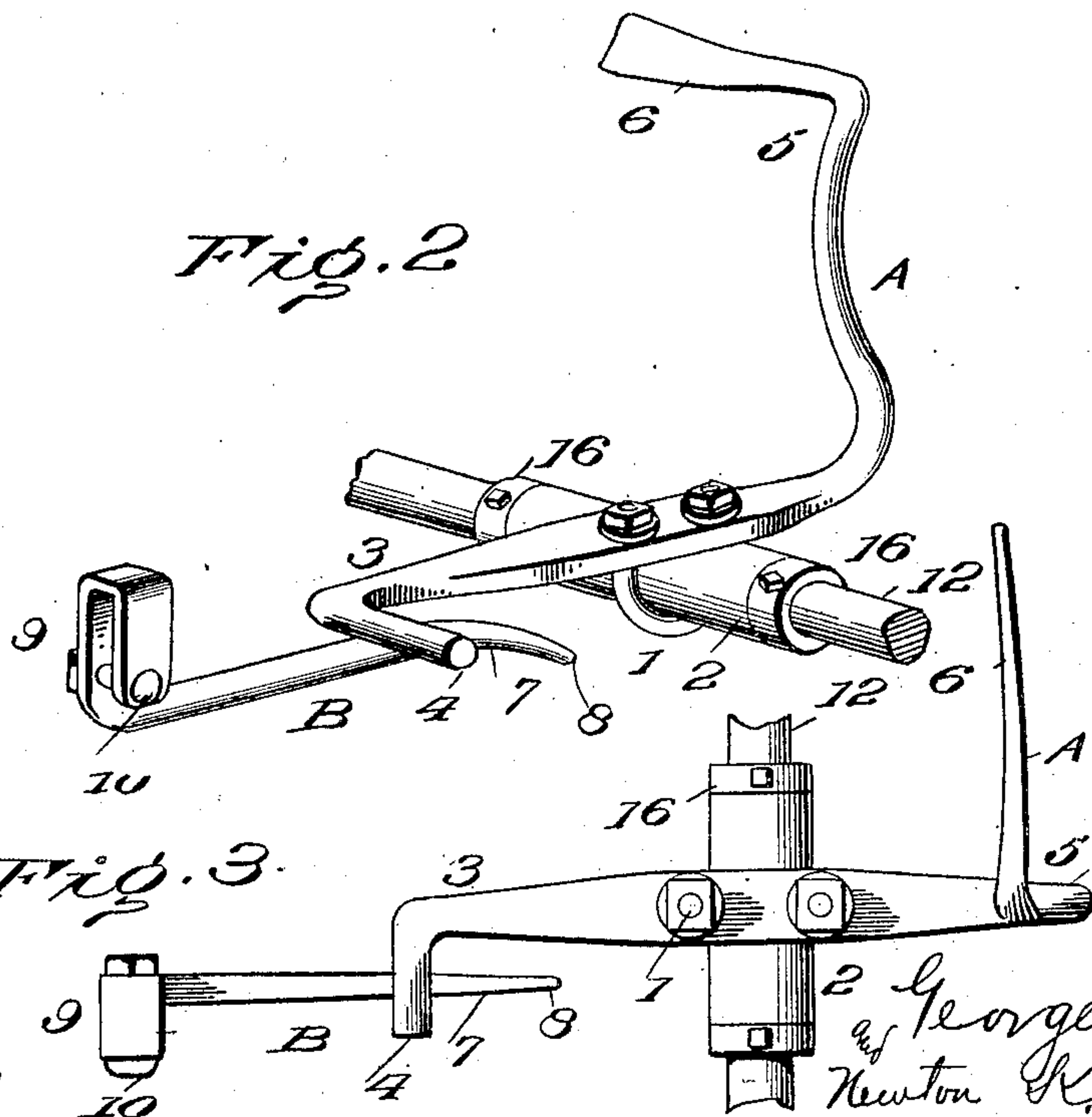
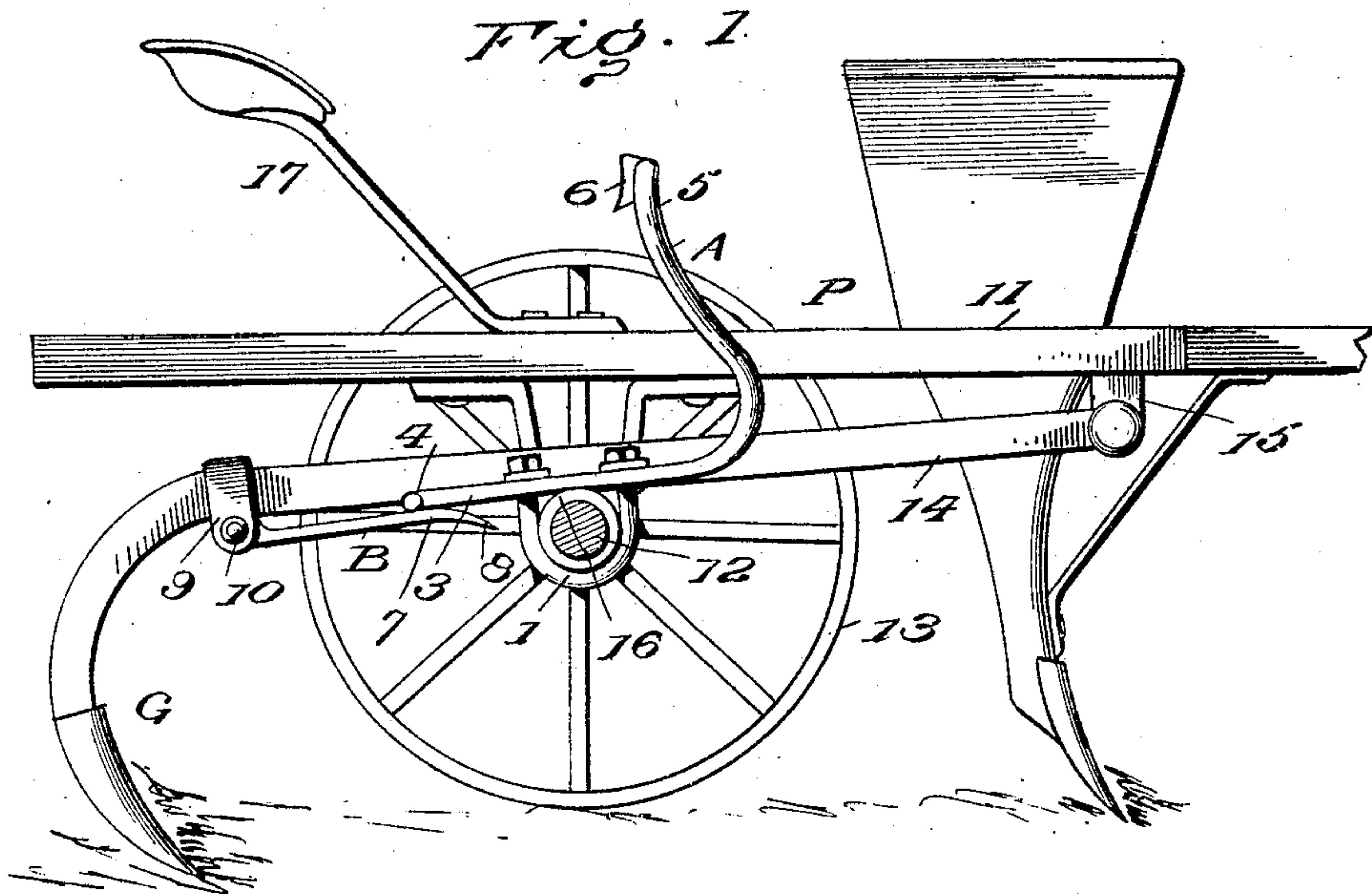
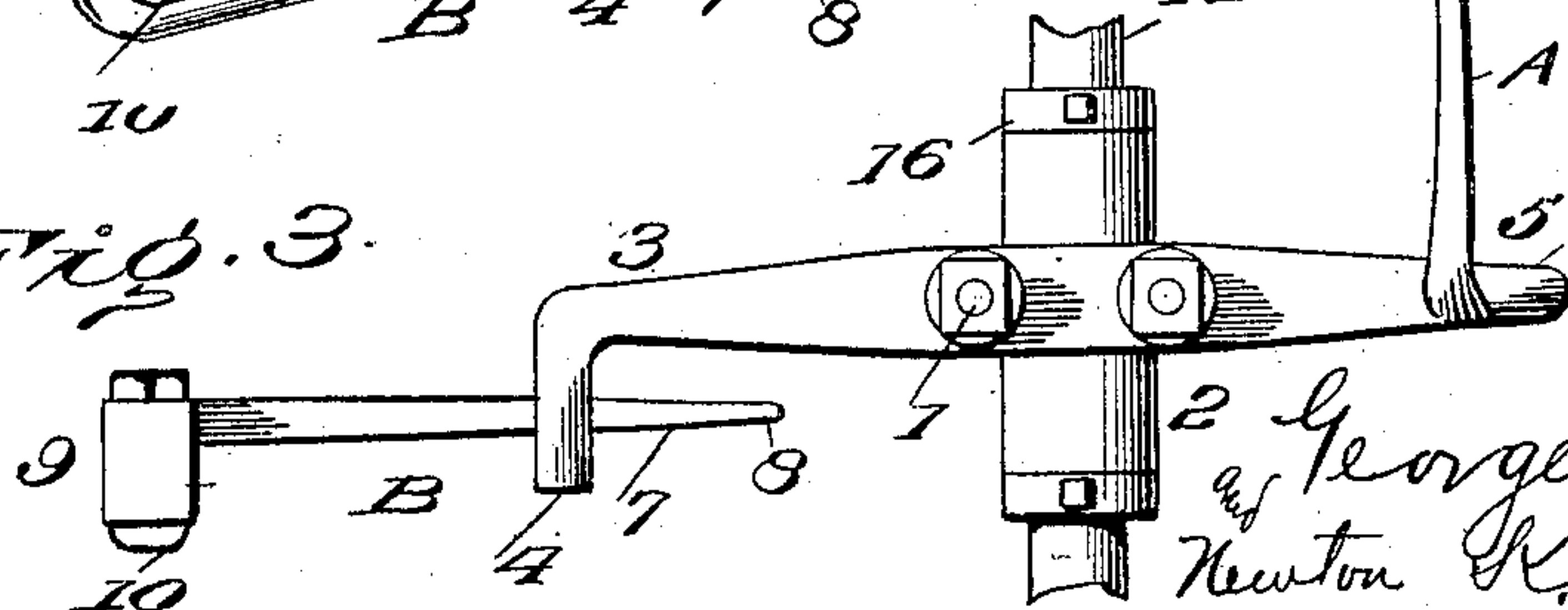


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE STAPP AND NEWTON K. ROBERTSON, OF SIDNEY, TEXAS.

COVERER FOR PLANTERS.

No. 836,901.

Specification of Letters Patent.

Patented Nov. 27, 1906.

Application filed May 21, 1906. Serial No. 318,081.

To all whom it may concern:

Be it known that we, GEORGE STAPP and NEWTON K. ROBERTSON, citizens of the United States, residing at Sidney, in the county of Comanche and State of Texas, have invented certain new and useful Improvements in Coverers for Planters, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to attachments for planters; and it has for its object to provide for the ready lifting of the covering-plows, so as to enable accumulated trash to be discharged from the coverers when planting is in progress.

A further object of the invention is to provide a simple and convenient attachment which may be readily applied to various types of planters for the purposes set forth.

Further objects of the invention are to simplify and improve the construction and operation of this class of devices.

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 there has been shown 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 the drawings, Figure 1 is a sectional elevation showing a conventional type of planter to which the invention has been applied. Fig. 2 is a perspective view showing the device detached. Fig. 3 is a detail top plan view showing the invention applied.

Corresponding parts in the several figures are designated by like characters of reference.

The improved attachment comprises a foot-lever and lifting member A and a supporting member B.

The member A is permanently secured, as by means of a clip 1, upon a sleeve 2, and said member includes an approximately horizontal lifting portion 3, having at its rear end a lateral extension 4 and at its front end an upturned arm 5, which constitutes the foot-lever and which is provided at or near its

upper extremity with a laterally-extending foot piece or treadle 6.

The supporting member B consists of a rod 7, which is pointed and slightly downturned at its forward end, as shown at 8, the rear end of said rod being bent to form a clip or keeper 9, equipped with a tightening-bolt 10, whereby the supporting member may be secured in position adjustably upon the beam of a coverer.

A planter P has been conventionally shown, said planter being of a type including a frame 11, mounted upon an axle 12, having carrying-wheels 13. A coverer G is shown, including a beam 14, which is hingedly connected at its forward end with the planter-frame, as by a bracket 15, depending from the latter. The planting mechanism is no part of the present invention.

In the practical application of this device the sleeve carrying the member A is placed upon the axle 12 of the machine, where it is retained by means of set-collars 16 in such a position that the lateral extension 4 at the rear end of the lifting portion 3 shall extend beneath the beam 14 of the coverer. The supporting member B is secured upon the beam of the coverer in such a position that it will extend beneath the extension 4. The latter is thus confined between the beam and the supporting member, and the portion 5, which constitutes the foot-lever, is thus maintained in a position where it may be readily reached and operated by the foot of the driver, whose seat 17 is suitably supported upon the frame of the machine.

It will be seen that by simply operating the foot-lever the rear end of the coverer may be lifted sufficiently to permit accumulations of stalks, weeds, and other trash to escape.

The device is also useful for the purpose of adjusting and controlling the covering-feet on uneven ground.

Having thus described the invention, we claim and desire to secure by Letters Patent of the United States—

1. An attachment for planters comprising a lifting member having a lateral extension, a foot-lever connected with said lifting member, and an independent supporting member adapted for engagement with the lateral extension of the lifting member.

2. An attachment for planters comprising a lifting member having a lateral extension and an upward projection constituting a foot-lever, an axle-engaging sleeve connected

with said lifting member, and an independent supporting member adapted for engagement with the lateral extension of the lifting member.

5 3. The combination with a wheel-supported planter having a coverer including a beam hingedly connected with the planter-frame at its forward end, of a lifting member having a sleeve mounted for oscillation upon
10 the axle of the planter, said lifting member having a lateral extension projecting beneath the beam of the coverer, and a supporting member secured upon the said beam and including an arm extending forwardly beneath
15 the lateral extension of the lifting member.

20 4. The combination with a wheel-supported planter having a coverer including a beam hingedly connected with the planter-

frame at its forward end, of a lifting member having a sleeve mounted for oscillation upon 20 the axle of the planter, said lifting member having at its front end an upwardly-extending foot-lever and at its rear end a lateral extension projecting beneath the beam of the coverer, and a supporting member secured 25 upon the said beam and including an arm extending forwardly beneath the lateral extension of the lifting member.

In testimony whereof we hereunto affix our signatures in presence of two witnesses: 30

GEORGE STAPP.

NEWTON K. ROBERTSON.

Witnesses:

D. T. Ross;

T. V. AUSTIN.