

No. 827,403.

PATENTED JULY 31, 1906.

H. D. TAYLOR.  
ATTACHMENT FOR PLOWS.  
APPLICATION FILED JAN. 15, 1906.

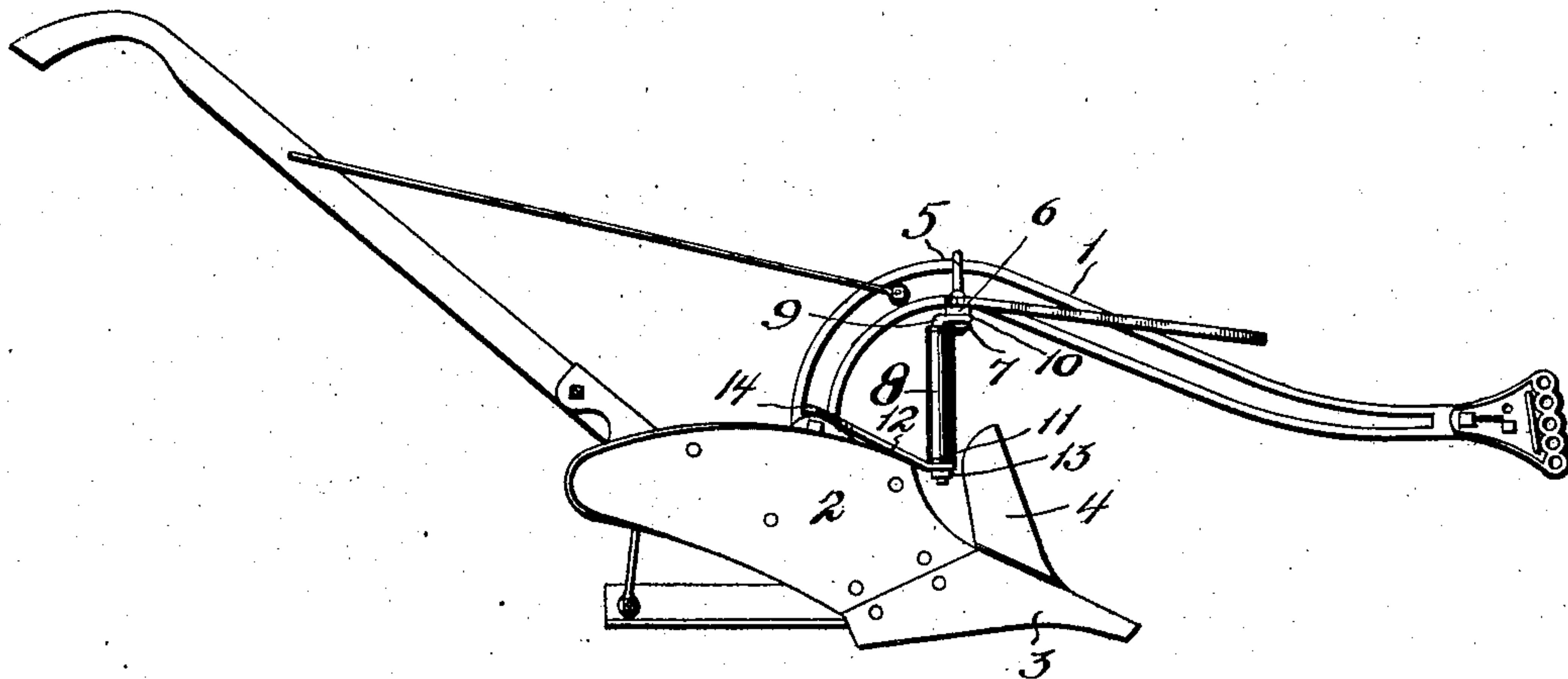


Fig. 1.

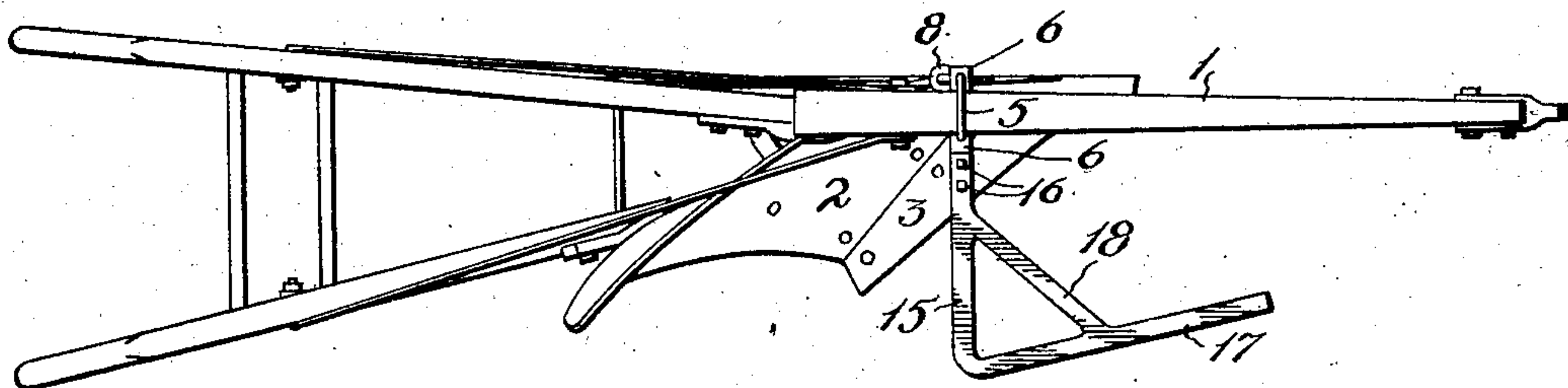


Fig. 2.

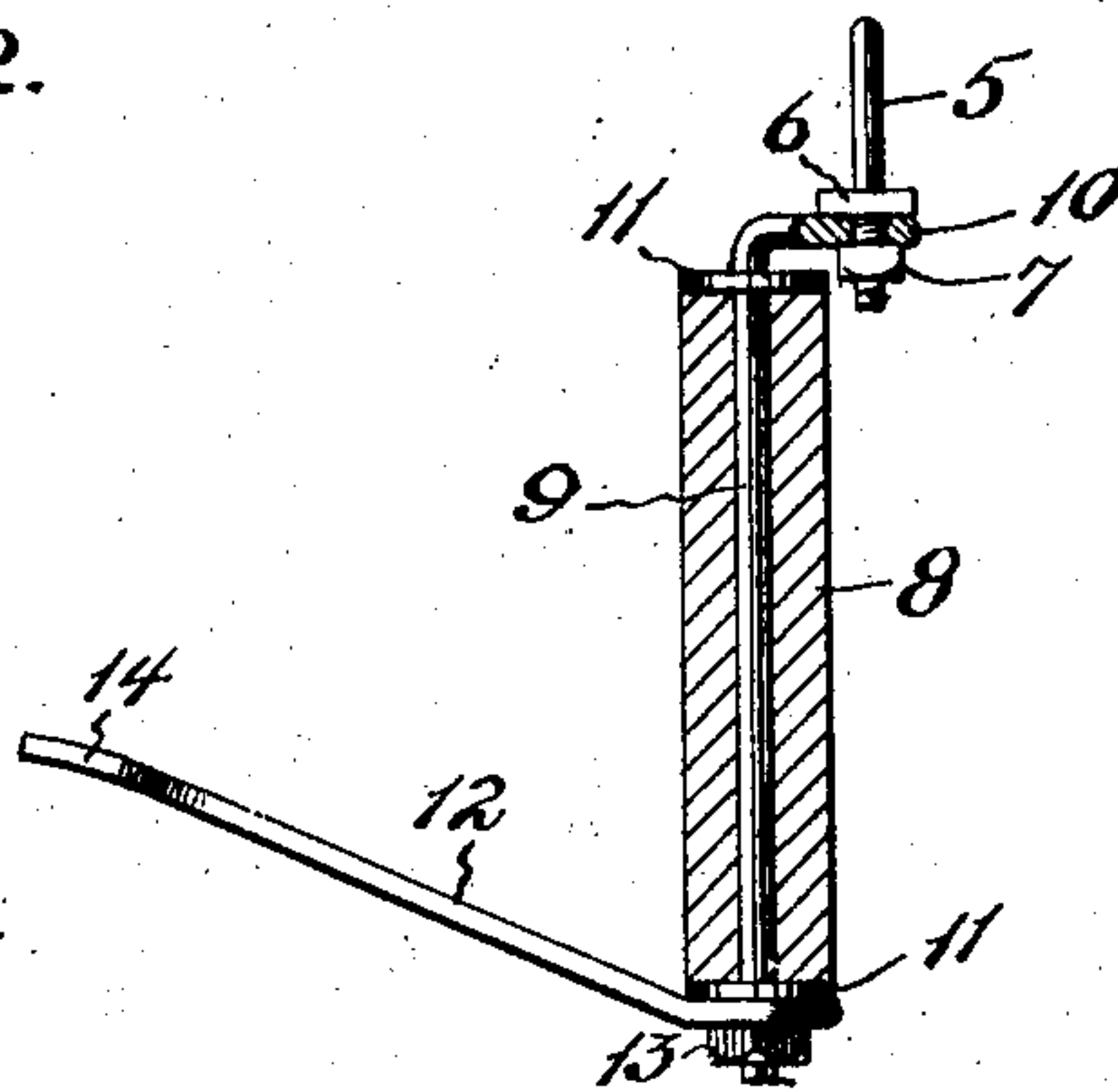


Fig. 3.

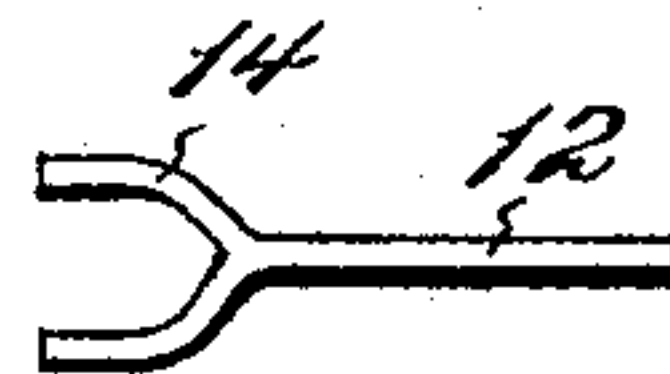


Fig. 4.

WITNESSES

Carl Stoughton

M. B. Schley

INVENTOR

Harry D. Taylor

BY

Shepherd & Powers  
ATTORNEYS



# UNITED STATES PATENT OFFICE.

HARRY D. TAYLOR, OF WASHINGTON COURT-HOUSE, OHIO.

## ATTACHMENT FOR PLOWS.

No. 827,403.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed January 15, 1906. Serial No. 295,997.

*To all whom it may concern:*

Be it known that I, HARRY D. TAYLOR, a citizen of the United States, residing at Washington Court-House, in the county of Fayette and State of Ohio, have invented certain new and useful Improvements in Attachments for Plows, of which the following is a specification.

My invention relates to new and useful improvements in plows, and more particularly to an attachment therefor.

The object of the invention is to provide a suitably constructed and positioned attachment for preventing the choking of trash and weeds in the throat of the plow and breaking or forcing down cornstalks or other high-standing stuff, so that the same will be turned under as the ground is plowed.

Still another feature resides in the construction of the attachment whereby the same may be readily secured to or removed from the plow.

Finally, the object of the invention is to provide an attachment of the character described that will be strong, durable, efficient, and not liable to get out of working order.

With the above and other objects in view the invention consists of the novel details of construction and operation, a preferable embodiment of which is described in the specification and illustrated in the accompanying drawings, wherein—

Figure 1 is a side elevation of a plow, showing my attachment mounted thereon. Fig. 2 is a plan view of the parts shown in Fig. 1. Fig. 3 is a vertical sectional view of the roller, showing its supporting parts in elevation; and Fig. 4 is a detail partial plan view of the forked brace.

In the drawings the numeral 1 designates the usual plow-beam; 2, the moldboard; 3, the point, and 4 the cutter.

In carrying out my invention I provide a loop 5, engaged over the upper part of the beam 1 adjacent the throat of the plow. This loop is substantially U-shaped and has its downwardly-projecting ends screw threaded and passed through a plate 6, engaging with the under side of the plow-beam 1. A suitable nut, as 7, is threaded on the screw-threaded ends of the loop for holding the same and the plate 5 in position. On the landside of the plow I provide a vertically-disposed roller 8, which is mounted to turn freely on a rod 9. The upper end of the rod 9 is bent at substantially right angles and

formed with an eye 10, which is engaged about one of the screw-threaded ends of the loop 5; the said eye being rigidly secured between the nut 7 and the plate 6, as clearly shown in Fig. 3. The roller is supported and held against vertical displacement by washers 11, placed at each end thereof and secured to the rod 9. About the said rod and abutting the under side of the lower washer 11 an upwardly and rearwardly inclined brace 12 is arranged, while a nut 13, threaded on the lower projecting end of the rod, is screwed up against the brace, securely holding the same in place. The rear end of the brace is forked at 14, as clearly shown in Fig. 4, and engages about the plow-beam above the moldboard, thus holding the lower end of the roller in place and greatly stiffening the same. The plate 6 is extended some distance on the moldboard side beam and receives an angular bar 15, which is attached to said plate by suitable bolts 16. The bar 15 at its outer end is provided with an inwardly and forwardly directed arm 17, which is braced and connected to the bar 15 by a diagonal piece 18. The three parts just described are preferably formed integral and extend slightly downward toward the front end of the plow.

When the plow is in operation, it is apparent that the roller 8, easily turning, will prevent trash and weeds from collecting in the throat of the plow and direct the same to one side, so that they are either turned under or thrown on the unplowed side, where they will be turned under during the subsequent plowing operations. Also any cornstalks or high growth will be encountered by the arm 17, connecting-piece 18, or bar 15 and broken or turned down, so as to be turned under the plowed soil. It will be observed that by the disposition of the arm 17 and the connecting-piece 18 the cornstalks, &c., will be thrown toward the beam and in the path of the moldboard 2, the said parts acting in a sense to gather the stalks and assure the turning under of the same.

It is to be noted that the attachment may be readily removed from the plow by simply taking off the nuts 7 and disengaging the fork 14 from the plow-beam. Should it be desired for the purpose of repairs or replacing to remove the breaking-down bar 15 and the arm 17, the same may be readily accomplished by removing the bolts 16.

What I claim is—

1. An attachment for plows, comprising a



vertically-disposed roller, means for supporting the roller from the beam of a plow, and an angular bar carried by the supporting means and adapted to be positioned over the moldboard side of the plow.

2. An attachment for plows, comprising a vertically-disposed roller, means for supporting the roller from a plow-beam, and an angular bar attached to the supporting means and projecting over the moldboard side of the plow comprising a forwardly and inwardly directed arm and a diagonally-disposed connecting-piece.

3. An attachment for plows, comprising a vertically-disposed roller, a rod on which said roller is mounted to turn, a loop secured to the plow-beam adjacent the throat of the plow and having connection with the rod, and a brace engaged with the rod below the

roller and having its free end in engagement with the plow-beam.

4. An attachment for plows, comprising a vertically-disposed roller, means for supporting the roller from the beam of a plow, and an angular bar supported from the plow-beam over the moldboard side of the plow comprising a bar portion, a forwardly and inwardly directed arm extending from the bar portion and a diagonally-disposed connecting-piece extending between the arm and the bar portion.

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

HARRY D. TAYLOR.

Witnesses:

M. B. SCHLEY,  
A. L. PHELPS.