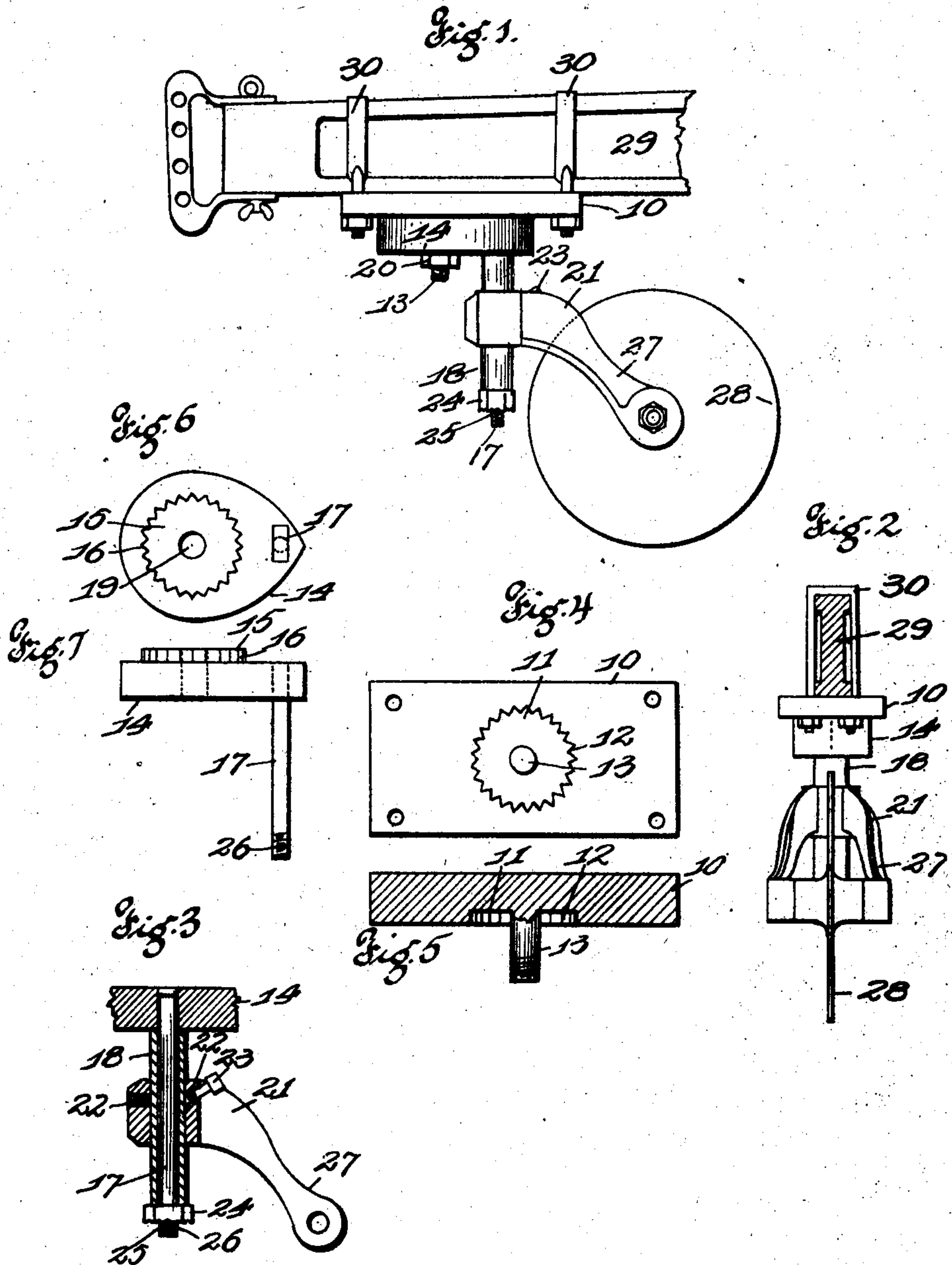


No. 835,101.

PATENTED NOV. 6, 1906.

S. DODGE.
ADJUSTABLE COLTER ATTACHMENT FOR PLOWS.
APPLICATION FILED DEC. 19, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

SHERMAN DODGE, OF SANDOVAL, ILLINOIS.

ADJUSTABLE COLTER ATTACHMENT FOR PLOWS.

No. 835,101.

Specification of Letters Patent.

Patented Nov. 6, 1906.

Application filed December 19, 1905. Serial No. 292,491.

To all whom it may concern:

Be it known that I, SHERMAN DODGE, a citizen of the United States, and a resident of Sandoval, Marion county, Illinois, have invented certain new and useful Improvements in Adjustable Colter Attachments for Plows, of which the following is a specification.

This invention relates to improvements in adjustable colter attachments for plows; and it consists in the novel arrangement, construction, and combination of parts, as will be fully hereinafter described and claimed.

The object of my invention is to provide a plow-beam with a colter attachment, which may be readily adjusted to any desired position.

A further object of my invention is to provide a plow-beam with a colter attachment arranged to be adjusted horizontally and vertically.

In the drawings, Figure 1 is a side elevation of my complete invention, showing the position of the plow-beam. Fig. 2 is an end view of the same, showing the plow-beam in section. Fig. 3 is a vertical sectional view showing a yoke in position upon the colter-post. Fig. 4 is a bottom plan view of the supporting-plate, which forms part of my invention. Fig. 5 is a vertical sectional view of the same. Fig. 6 is a top plan view of the adjusting-plate made use of in carrying out my invention. Fig. 7 is a side view of the same.

In the construction of the device as shown I provide a plate 10, its under surface being provided with a depression 11, the periphery of the depression being provided with teeth 12. In the center of the depression and formed integral with the supporting-plate is a projecting screw-threaded trunnion 13.

14 indicates an adjusting-plate, which is provided with a projection 15, its periphery being provided with teeth 16, which correspond with the teeth 12, formed in the supporting-plate. The adjusting-plate 14 is also provided with a post 17, which extends downwardly, and around said post is placed a sleeve 18. The adjusting-plate is provided with a central bore 19, through which extends the screw-threaded trunnion 13, and said adjusting-plate is held in position against the supporting-plate by means of the nut 20.

Upon the sleeve 18 is placed the yoke 21, which is provided with internally screw-

threaded bores 22, in which is placed a set-screw 23 to lock the yoke at any desired position vertically upon the sleeve 18. The sleeve 18 is held in position upon the post 17 by means of the nut 24, and the said nut is held in locked position by means of the pin 25 passing through the opening 26, formed in the screw-threaded portion of the post 17.

Between the arms 27 of the yoke 21 is rev-olubly mounted the colter-disk 28, which is of the ordinary construction.

The supporting-plate, together with the colter mechanism, is held upon the plow-beam 29 by means of the clips 30, which are of common and ordinary construction.

The adjusting-plate, together with the colter attachment, may be adjusted horizontally upon the supporting-plate by placing the projection 15 at any desirable angle horizontally to swing the post 17 to the right or left or immediately in alinement with the plow-beam by the mere changing of the position of the projection 15 into the depression, and when tightened by the nut 20 the both members are held in locked position by means of the teeth 16 engaging with the teeth 12.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. An adjustable colter attachment for plow-beams comprising a yoke carrying a colter-disk, an adjusting-plate, a post carried by the adjusting-plate, a sleeve carried by the post, said yoke connected to the sleeve, a supporting-plate attached to a plow-beam, a toothed projection formed on the adjusting-plate to fit within a toothed depression formed in the supporting-plate, and to hold the same in adjusted position, substantially as specified.

2. An adjustable colter attachment, for plow-beams comprising an adjusting-plate a locking-plate, a toothed projection formed on the adjusting-plate to fit within a toothed depression formed in the locking-plate, a post carried by the adjusting-plate, a sleeve mounted on the post and held in position by a nut, a yoke carrying a colter disk adjustably mounted upon the sleeve and held in adjusted position by set-screws, substantially as specified.

3. A device of the class described comprising an adjusting-plate, a circular projection having its periphery provided with teeth, a post carried by the adjusting-plate, a sleeve

mounted around the post, a yoke mounted
over the sleeve and held in locked position by
set-screws, a supporting-plate held to the
plow-beam, a trunnion carried by the support-
5 ing-plate for supporting the adjusting-plate,
substantially as specified.

In testimony whereof I have signed my

name to this specification in presence of two
subscribing witnesses.

SHERMAN DODGE.

Witnesses:

W. K. BLOOM,
GEO. PTOMEY.