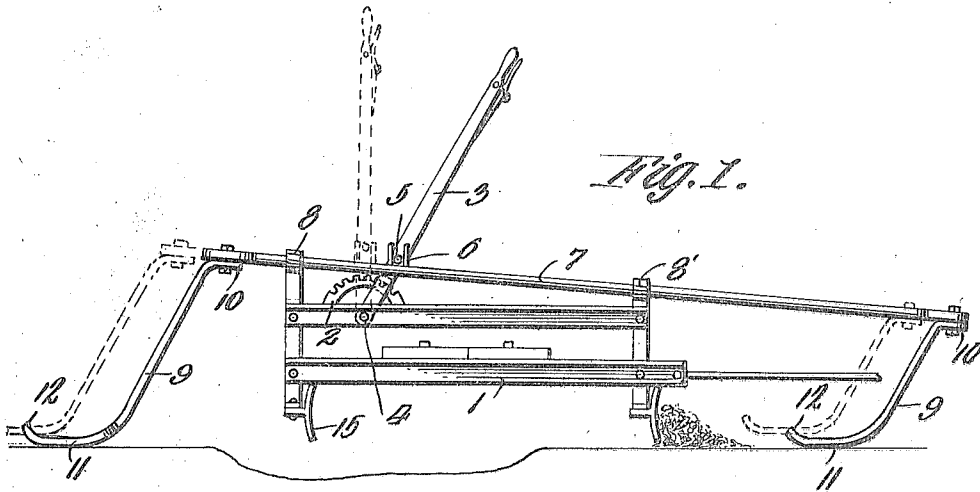
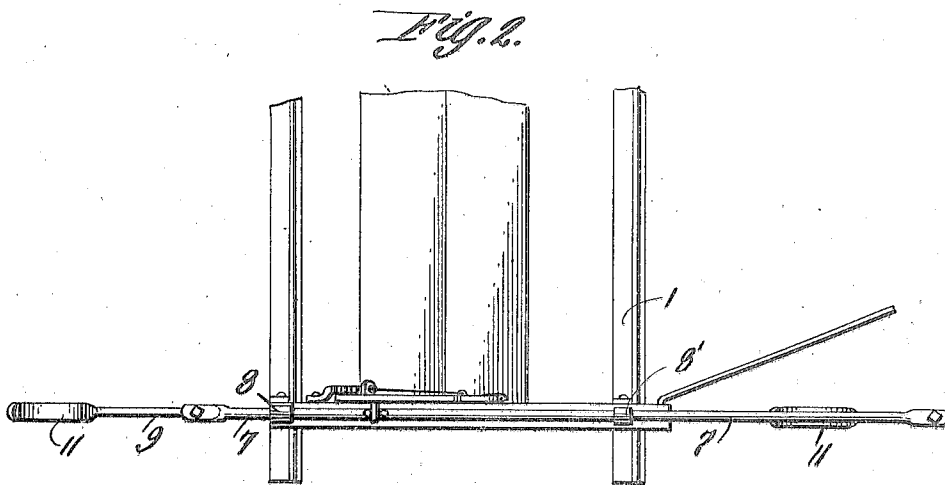
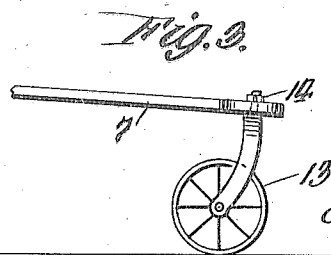


Jan. 9, 1923.

1,441,971.

C. A. DITTRICH.
ROAD DRAG ATTACHMENT.
FILED FEB. 9, 1922.



WITNESSES

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CARL A. DITTRICH, OF RINGWOOD, OKLAHOMA.

ROAD-DRAG ATTACHMENT.

Application filed February 9, 1922. Serial No. 535,242.

To all whom it may concern:

Be it known that I, CARL A. DITTRICH, a citizen of the United States, residing at Ringwood, in the county of Major and State of Oklahoma, have invented certain new and useful Improvements in Road-
5 Drag Attachments, of which the following is a specification.

This invention relates to a drag attachment, especially designed for carrying the road drag over the ditches in a road, thereby permitting the drag to fill the ditches or low places in the road.

Another object of the invention is the production of a simple and efficient means for supporting the drag above the road, or surface thereof, to permit the drag to be easily carried over the ditches formed in the road, the drag scraping the dirt from the high places in the road into the low places or ditches of the road.

With these and other objects in view, this invention consists of certain novel constructions, combinations and arrangements of parts as will be hereinafter fully described and claimed.

In the drawings:

Figure 1 is a side elevation of the drag, the lifting attachment being carried there-
30 by.

Figure 2 is a top plan view of one side or end of the drag.

Figure 3 is a side elevation of one end of the lifting bar showing a caster wheel carried thereby, a modified form of the device being shown in this figure.

By referring to the drawings, it will be seen that 1 designates the road drag of the standard construction, upon which a quadrant 2 is mounted. An operating lever 3 is pivotally mounted as at 4, and this lever 3 carries a laterally extending pin 5, which pin 5 fits between the upstanding fingers 6 of the lifting rod or bar 7, as shown in Fig-
40 ure 1.

Standards 8 and 8' are mounted upon the top of the drag 1, near one side edge thereof, the standard 8' being shorter than the standard 8, for supporting the rod or

bar 7 in a downwardly inclined position toward the forward end thereof. A runner 9 is carried by each end of the rod 7, each runner 9 having a forwardly extending end 10 which is secured to the rod or bar 7, as shown in Figure 1. Each runner 9 is rear-
55 wardly inclined and is provided with a rearwardly extending shoe 11. The rear end of each shoe is upturned as indicated at 12.

In Figure 3 there is shown a modified form of the invention, the rod 7 being supported upon the caster 13, one caster being adapted to be carried at each end of the rod 7. This structure shown in Figure 3 is adapted for use when supporting heavy
65 drags, the runners 9 and shoes 11 being used for supporting light drags. The caster 13 is journaled upon the rod or bar 7 by means of the bolt 14.

From the foregoing description, it will be seen that the road drag 1 may be raised or lowered by swinging the lever 3 and shifting the rod longitudinally through the standards 8 and 8'. The lever 3 may be locked in a set position by engaging the
75 quadrant 2. The scraper blades 15 will scrape over the surface of the road and the runners 9 will support the blades 15 above a ditch or low places in the road, the dirt accumulated by the blades being thrown
80 into the ditches or low places in the road as the drag is moved over the road.

Although one form of the invention is shown, it should be understood that certain detail changes in mechanical structure may
85 be made without departing from the spirit of the invention, so long as these changes fall within the scope of the following specification and claims.

What is claimed is:

1. In combination with a road drag, an adjusting rod, means for supporting the rod in an inclined position, supporting means carried by the respective ends of the rod, and means for adjusting the rod longitudi-
90 nally of the drag for throwing the supporting means into and out of an operative position.

2. In combination with a road drag, an
adjusting rod supported for longitudinal
movement upon the drag, said rod being in-
clined downwardly toward the forward end
5 of the drag, runners carried by the rod at
the ends thereof, a shoe carried by each
runner, and means engaging the rod for
moving the rod longitudinally for throwing

the runners into and out of an operative
position.

In testimony whereof I affix my signa-
ture in presence of two witnesses.

CARL A. DITTRICH.

Witnesses:

E. B. COPPAGE,

KATIE HARTER.