No. 665,978. Patented Jan. 15, 1901.

C. RADVÁNYI.

PLOW CARRIAGE.

(Application filed Apr. 2, 1900.)

(No Model.)

Fig. 1.

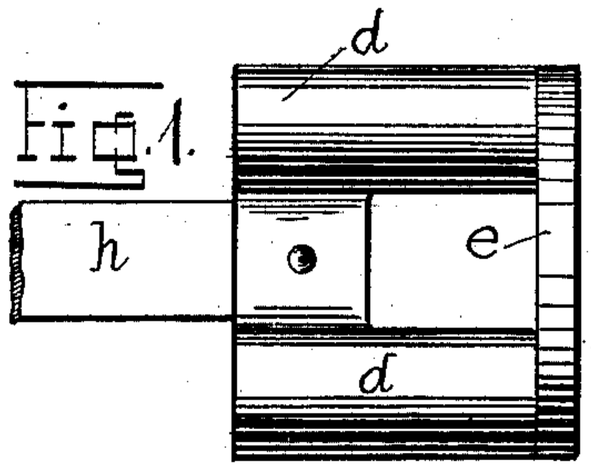


Fig. 2.

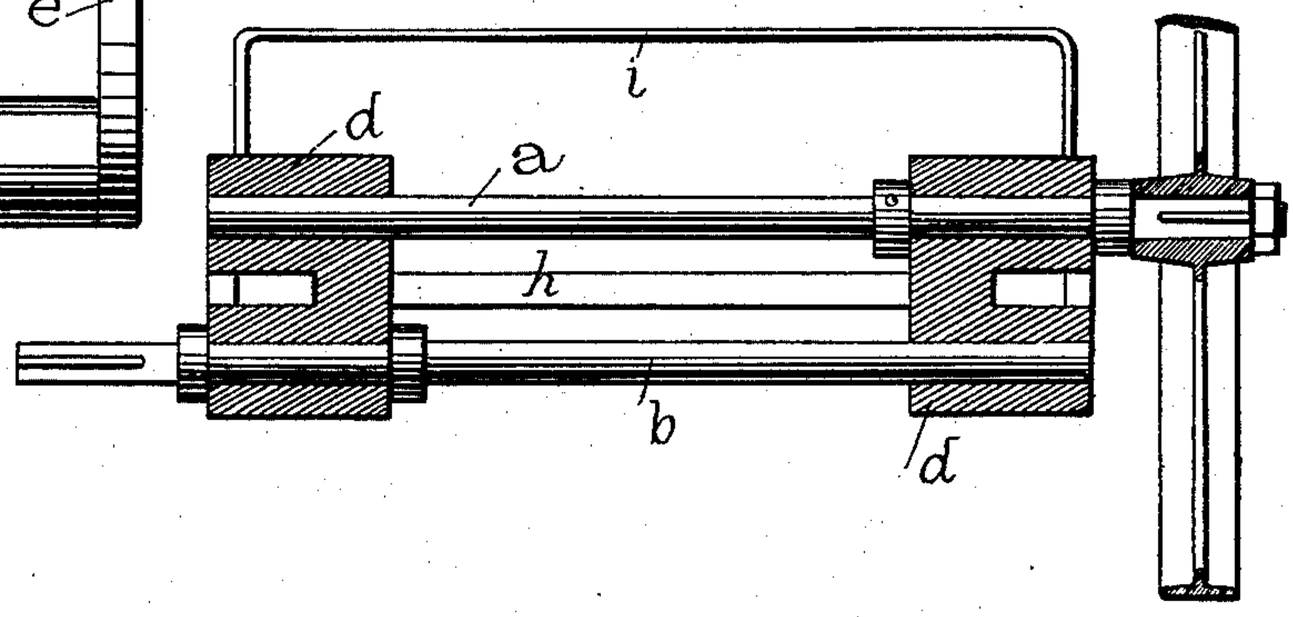


Fig. 3.

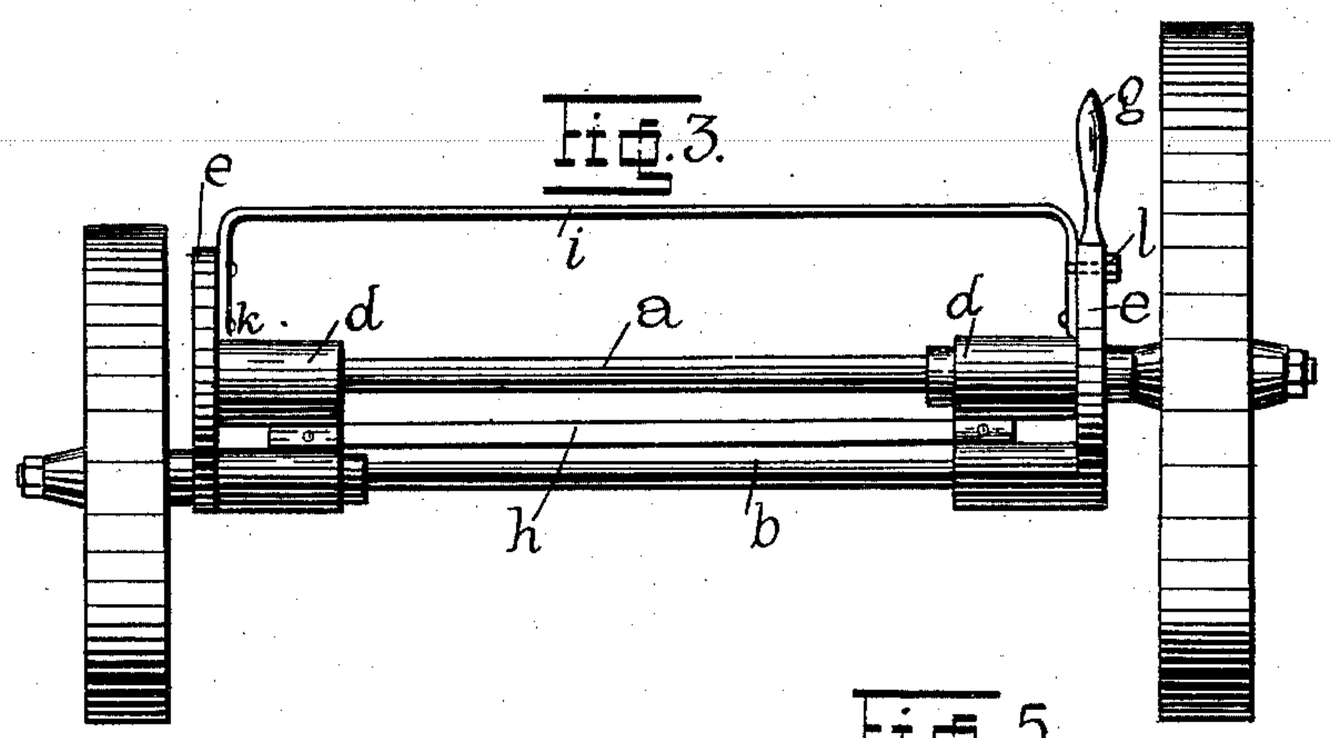


Fig. 4.

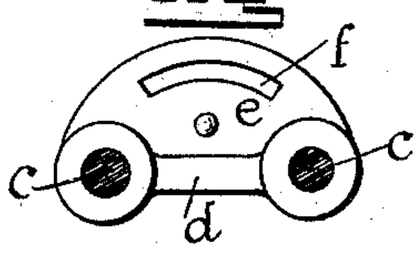
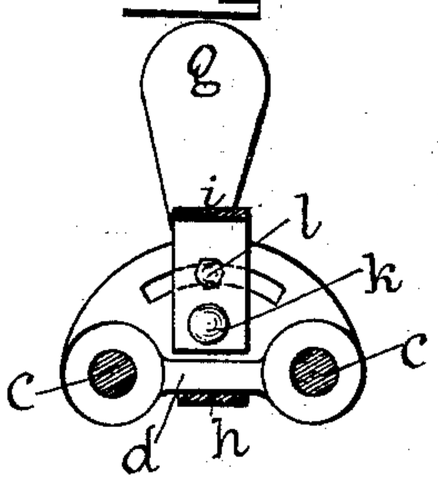


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES RADVÁNYI, OF NYIRBÁTOR, AUSTRIA-HUNGARY.

PLOW-CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 665,978, dated January 15, 1901.

Application filed April 2, 1900. Serial No. 11,221. (No model.)

To all whom it may concern:

Be it known that I, CHARLES RADVÁNYI, a subject of the Emperor of Austria-Hungary, and a resident of Nyirbátor, Szabolco county, Austria-Hungary, have invented certain new and useful Improvements in Plow-Carriages, of which the following is a specification.

This invention relates to plow-carriages in which the two wheels are carried, respectively, by two axles which are parallel to one another; and the object of the invention is to enable the frame carrying the two axles to be so adjusted that the plane in which the two axles lie may be tilted more or less with regard to the horizontal, so that the relative heights of the axles can be altered.

This improvement is shown in the annexed drawings, wherein—

Figure 1 represents a plan view of the new bearing; Fig. 2, a perpendicular section in the plane of the axles and bearings; Fig. 3, an elevation of the plow-carriage; Figs. 4 and 5, side views of the two bearings.

The axles *a* and *b* turn in the bearing-sockets *c*. The bearing-box *d* is provided with a separate socket *c* for each axle. The segment *e* is manufactured in one piece with the bearing-box and is provided with a curved slot *f*. On the one bearing-box there is made the handle *g*. The boxes are joined together by means of the plate *h*. The plate *i*, which carries the remainder of the construction of the plow, is bent at both ends and fastened, by means of the trunnion *k*, on the segments *e* of the boxes. On the plate *i* are the bolts *l*, which pass through the slots *f* of the segments *e* and can be fixed by means of nuts *l'*.

When the depth of the plowing is to be altered, the segment *e* is moved, by means of the handle *g*, in the one or other direction, and consequently the bearing-boxes are moved in an arc of a circle around the trunnions *k* of the plate *i*. The relative height of the axles *a b* is thus altered.

When the axles are suitably adjusted, the nuts *l'* on bolts *l* are screwed tight, whereby the axles are fixed in their position.

I claim as my invention—

1. In a plow-carriage the combination with the two axles *a b* of the bearing-boxes *d* having each separate bearings *c* for said axles *a b* respectively a frame *i* pivoted on said bearing-boxes respectively, and means for securing said frame at a suitable angle on said boxes for the purpose set forth.

2. In a plow-carriage the combination with the two axles *a b* of the bearing-boxes *d* having each separate bearings *c* for said axles *a b* respectively segments *e e* integral with said bearing-boxes *d* having slots *f*, a plate *h* rigidly connecting the boxes *d*, a plate *i* having its ends bent parallel with one another and pivoted in the same axial line to the segments *e e* and bolts *l* and nuts *l'* for fixing said plate *h* in desired angular position on the segments *e e* for the purpose set forth.

In witness whereof I have signed this specification in the presence of two witnesses.

CHARLES RADVÁNYI.

Witnesses:
FRANK DYER CHESTER,
RAYMOND WILLEY.