

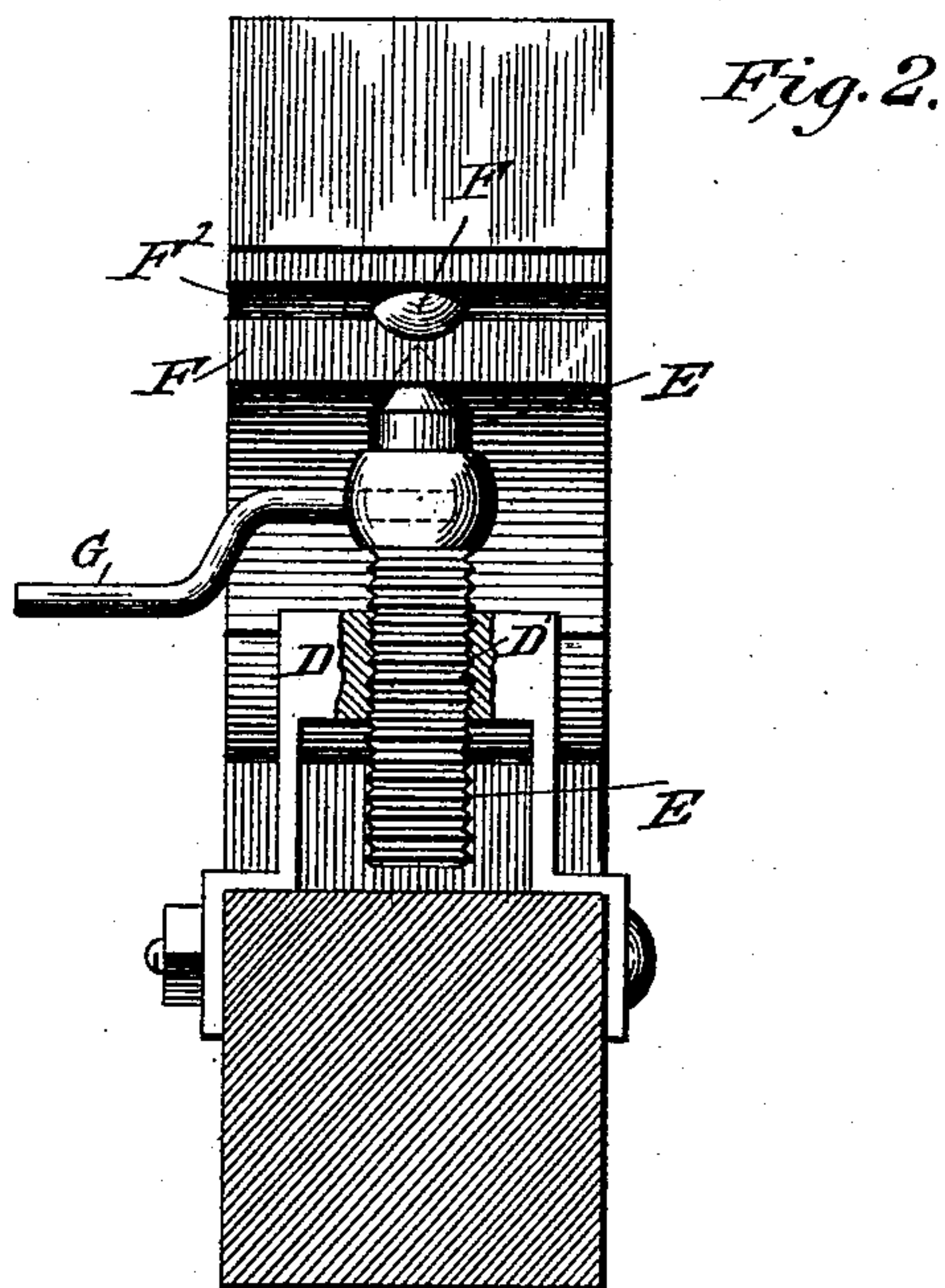
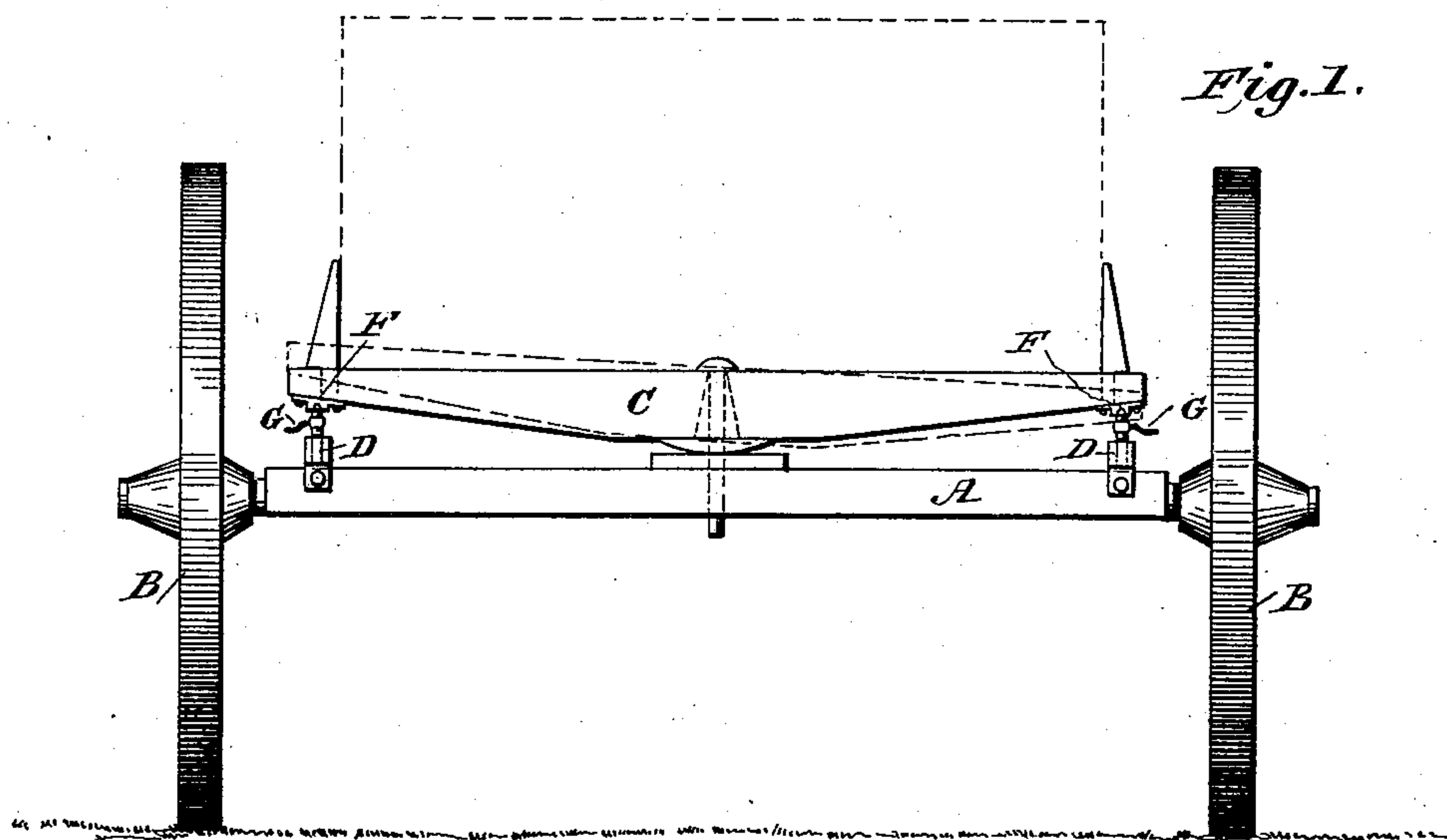
(No Model.)

J. D. BURKHART.

ADJUSTING ATTACHMENT FOR THRASHING MACHINES.

No. 407,511.

Patented July 23, 1889.



WITNESSES:

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JOHN D. BURKHART, OF DAYTON, WASHINGTON TERRITORY.

ADJUSTING ATTACHMENT FOR THRASHING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 407,511, dated July 23, 1889.

Application filed March 27, 1889. Serial No. 305,026. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. BURKHART, of Dayton, in the county of Columbia, Washington Territory, have invented a new and useful Improvement in Adjusting Attachments for Thrashing-Machines, of which the following is a specification.

My invention consists in a new and improved attachment for thrashing-machines adapted to level and steady the separator of any thrashing-machine; and the invention will be hereinafter fully described and claimed.

Referring to the accompanying drawings, Figure 1 represents the front end of the machine with the leveling attachment in place; Fig. 2, a detail view, partly in cross-section, of the device.

The same letters of reference indicate corresponding parts in both the figures.

Referring to the several parts by letter, A indicates the axle of a thrashing-machine.

B B indicate the wheels on the ends of the same, and C indicates the bolster on which the frame of the separator is secured.

D indicates a metal casting or frame, the said metal frame being secured upon the axles near the wheels B at the ends of the same, as shown in the drawings. The central elevated part of each frame D is formed with a threaded opening D', in which works the lower threaded part of an adjusting-screw E. This screw E has its lower part formed with an exterior screw-thread, while its upper end E' is pointed, as shown, so as to bear and turn with the minimum of friction in a recess F² in the lower side of a metal casting F, which castings are secured to the lower side of the ends of the bolsters by two large wood-screws F' each. Each adjusting-screw E has above its threaded part a short handle or lever G, by means of which it is turned to adjust the bolster.

It will be readily seen that by turning the adjusting-screws E up or down by their levers G the separator of any thrashing-machine provided with my attachment can be readily and exactly adjusted or leveled, the ends of the bolsters being raised or lowered as required by the adjusting-screws, thus rendering it unnecessary to pit the wheels of the truck to level the separator. The adjusting-screws also steady the separator and do away with the necessity of placing wedges between the axle and bolster for steadying it.

From the foregoing description, taken in connection with the accompanying drawings, the construction, operation, and advantages of my new and improved attachment for thrashing-machines will be readily understood.

It will be seen that my invention is simple and strong in construction, and can be manufactured at a small cost, that it is adapted to be applied to any harvester in a few minutes, and that it is very efficient and satisfactory in its operation.

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

The combination of the inverted-U-shaped frame D, formed with the central threaded opening D', the threaded adjusting-screw E, formed with the pointed upper end and having the small lever G, and the metal casting F, having the recess F² formed in its lower side, substantially as set forth.

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Witnesses:

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