

(No Model.)

J. FISHER.
TONGUE REST.

No. 297,368.

Patented Apr. 22, 1884.

Fig. 1.

Fig. 2.

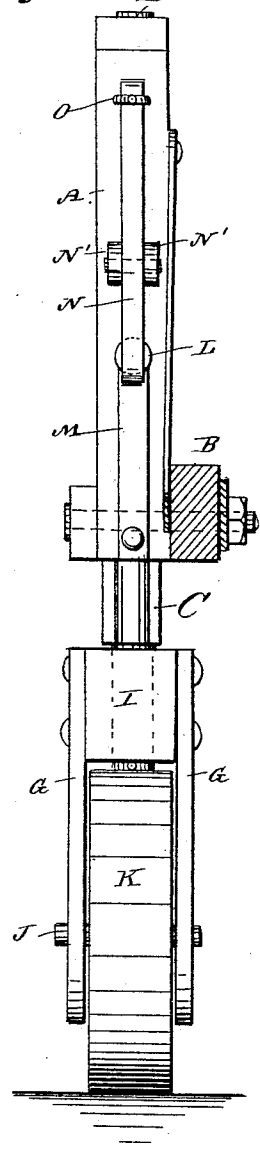
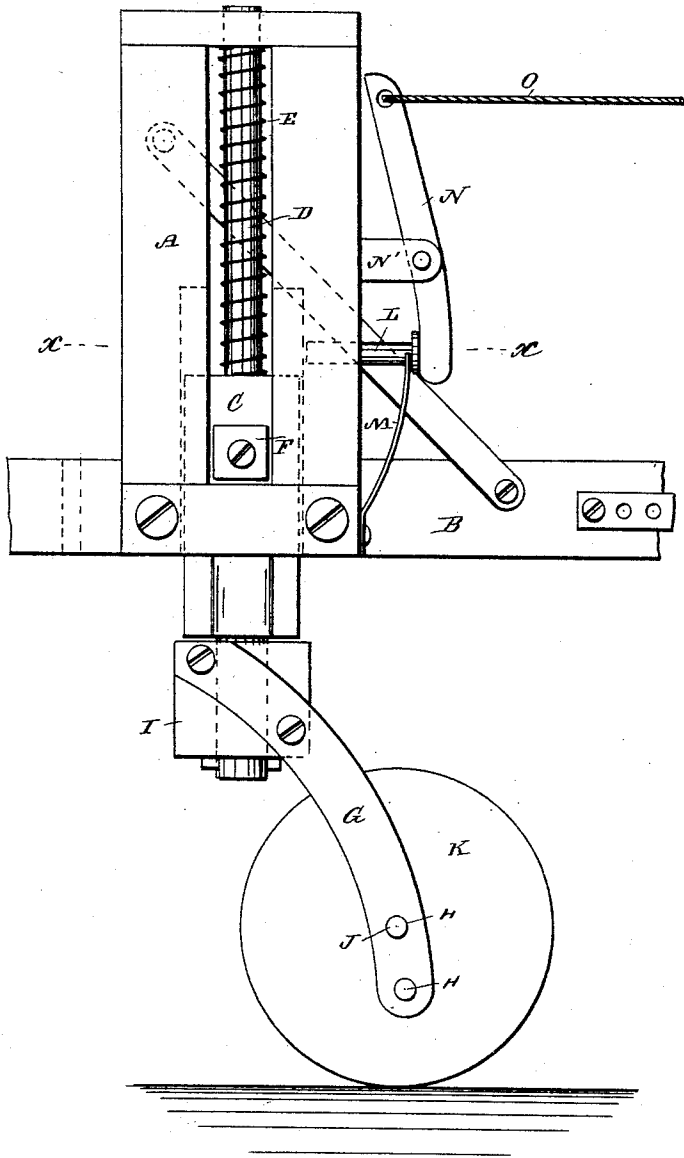
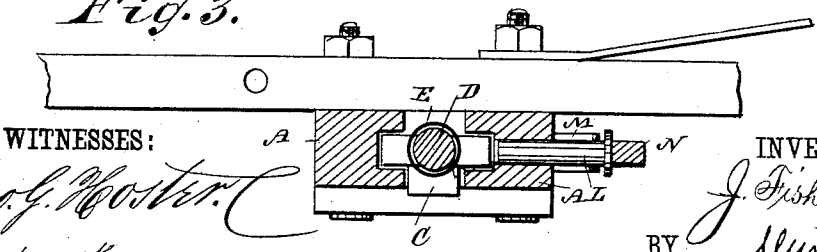


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN FISHER, OF RILEY, INDIANA.

TONGUE-REST.

SPECIFICATION forming part of Letters Patent No. 297,368, dated April 22, 1884.

Application filed February 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN FISHER, of Riley, in the county of Vigo and State of Indiana, have invented a new and Improved Tongue-
5 Rest, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved tongue-rest for supporting the tongue of a harvester and self-binder, and
10 thus relieving the horses from the weight of the tongue and all weight resting on the tongue.

The invention consists in the combination, with the tongue, of an upright frame in which a slide is held provided with an upwardly-
15 projecting rod, around which a spiral spring is coiled. A swivel is held on the lower end of the slide, and to the swivel are secured arms, in which a wheel is journaled.

The invention also consists in various parts
20 and details, as will be fully described and set forth hereinafter.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate
25 corresponding parts in all the figures.

Figure 1 is a side view of my improved tongue-rest. Fig. 2 is an end view of the same. Fig. 3 is a sectional plan view of the same on
30 the line *x x*, Fig. 1.

An upright frame, A, is bolted to one side of the tongue B, and between the two standards of the casing a slide, C, is held, from
35 which a rod or standard, D, projects upward and through the top cross-piece of the frame.

A spring, E, is coiled around the rod or standard D between the slide C and the top cross-
40 piece of the standard. A block or lug, F, is secured to one side of the slide above the bottom cross-piece of the frame A, to prevent

the slide from dropping out in case the machine passes over gutters, &c. On the lower
45 end of the slide C a swivel, I, is held, on which are secured two curved arms, G, which project downward, and are provided with one or

more apertures, H, in the lower ends, in one pair of which apertures the pivot J of a wheel,
50 K, is held, thus permitting of adjusting the wheel higher or lower. A pin or bolt, L, is held to slide in the frame A, and is pressed

outward by a spring, M, secured on the frame in such a manner that its free end can act on
the bolt. A lever, N, pivoted to jaws N' on the frame A, has its lower end resting on the
bolt, and to the upper end of the lever a

cord, O, is fastened, which extends to the driv- 55
er's seat. The spring E supports the frame A, to the lower end of which the tongue B is fastened.

When the driver leaves his seat, he steps
60 from the machine to the ground, and the machine tilts forward on the tongue. When leaving his seat, he pulls on the cord O, thereby causing the lever N to press the bolt inward. When the driver reseats himself, he
65 steps on the rear end of the machine, and if he is a heavy man, this is sufficient to release the bolt L; if not, the horse releases the bolt when started; or it can be done by the tilt-
ing-lever by raising the front part of the machine. 70

The above-described device supports the weight of the tongue and weights on the same
in such a manner that the horses will not be required to support any of these loads.

Having thus described my invention, I claim 75
as new and desire to secure by Letters Patent—

1. In a tongue-rest, the combination, with the tongue, of the upright frame A, the slide C, the rod D, projecting upward from the same, and the spiral spring E, surrounding
80 the said rod, substantially as herein shown and described.

2. The combination, with the tongue B, of the upright frame A, the slide C, the upright
85 rod D, the spring E, the swivel I, the arms G, and the wheel K, substantially as herein shown and described.

3. The combination, with the tongue B, of the upright frame A, the slide C, the spring
90 E, the wheel K, held on the lower end of the slide, and the block F on the slide, substantially as herein shown and described.

4. The combination, with the tongue B, of the slide C, the spring E, the wheel K, held
95 on the lower end of the slide, the sliding bolt L, the spring M, and means for pressing the bolt L inward, substantially as herein shown and described.

5. The combination, with the tongue B, of the slide C, the spring E, the wheel K, held
100 on the lower end of the slide, the sliding bolt L, the spring M, the pivoted lever N, and the cord O, substantially as herein shown and described.

JOHN FISHER.

Witnesses:

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