

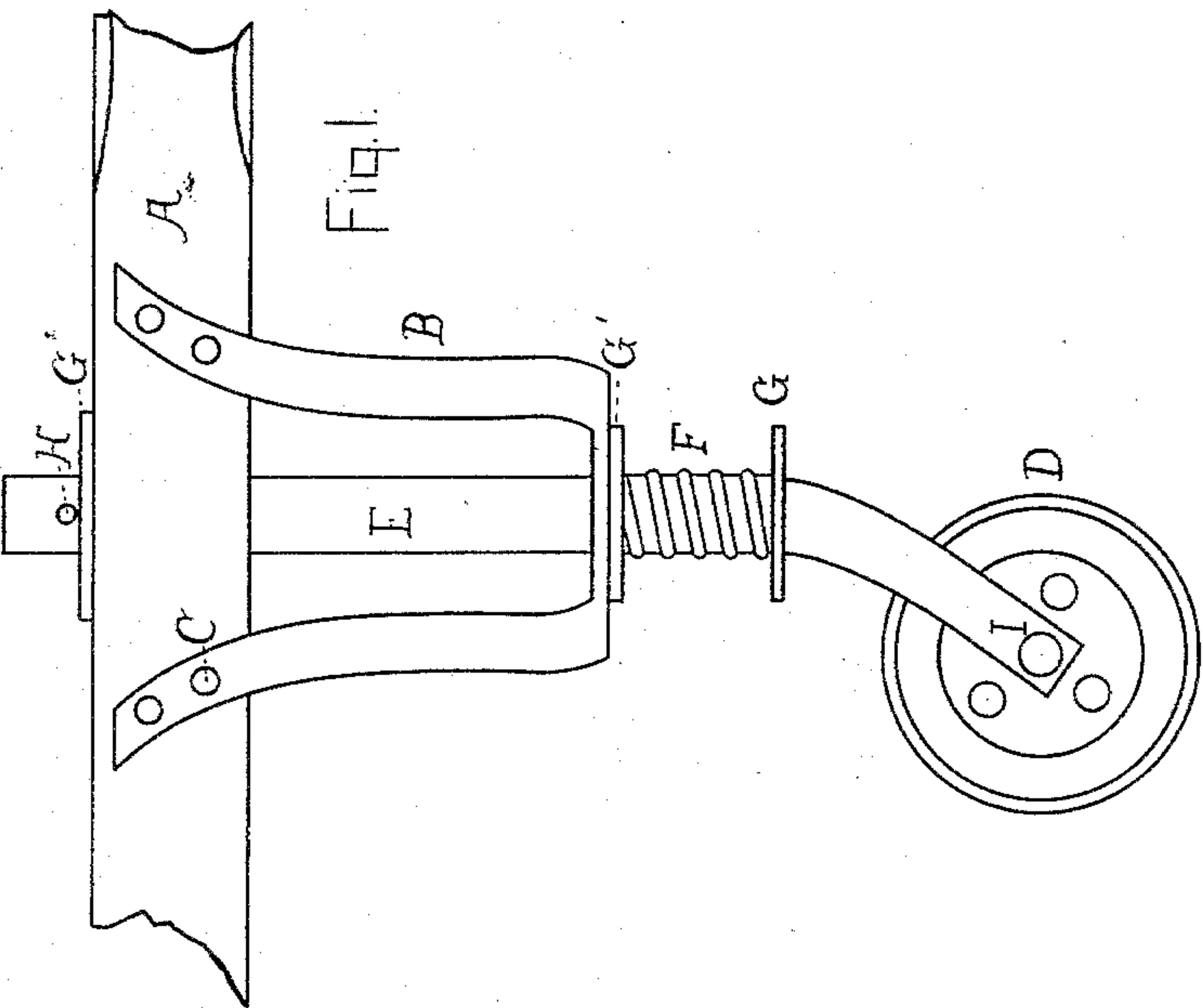
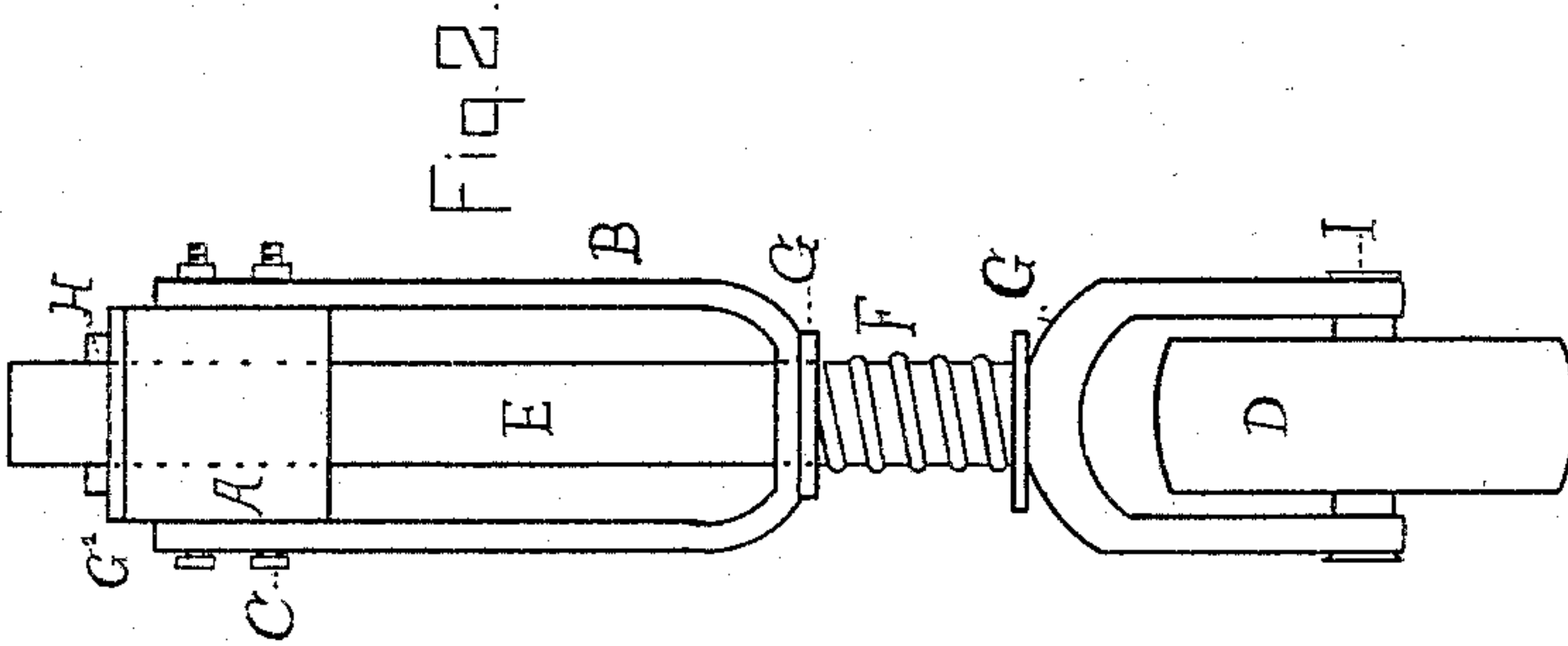
(No Model.)

D. WALLACE & J. DARCUS.

TONGUE SUPPORT FOR HARVESTERS.

No. 323,471.

Patented Aug. 4, 1885.



WITNESSES:

A. Stoddard,
E. A. Miners,

INVENTORS:

James Darcus,
David Wallace,
PER *L. L. Morrison,*

ATTY

UNITED STATES PATENT OFFICE.

DAVID WALLACE AND JAMES DARCUS, OF ROCKTON, ILLINOIS.

TONGUE-SUPPORT FOR HARVESTERS.

SPECIFICATION forming part of Letters Patent No. 323,471, dated August 4, 1885.

Application filed November 3, 1884. (No model.)

To all whom it may concern:

Be it known that we, DAVID WALLACE and JAMES DARCUS, citizens of the United States, residing at Rockton, in the county of Winnebago and State of Illinois, have invented a new and useful Improvement in Harvesting-Machine-Tongue Supports, of which the following is a specification.

Our invention relates to that class of harvesting-machine and vehicle tongue supports which are intended to remain in position whether the harvesting-machine or vehicle is in use or not, but may be removed at pleasure.

The objects of our invention are, first, to relieve teams drawing harvesting-machines from bearing upon their necks the combined weight of the tongues and forward parts of such machine; second, to furnish a light, cheap, and convenient device for supporting the tongues of harvesting-machines and other wheeled vehicles while in use; third, to diminish the rocking motion of harvesting-machines while in operation. We attain these objects by means of the mechanism shown in the accompanying drawings, in which—

Figure 1 represents a view of a side elevation of our invention attached to a section of a harvesting-machine tongue. Fig. 2 represents a view of a rear elevation of the same.

Similar letters refer to similar parts of the two views.

A represents a portion of a harvesting-ma-

chine tongue, to which the hanger B is secured by the bolts C.

D represents a caster-wheel; E, its stem; F, a spiral spring coiled around the latter; G G', washers serving, respectively, as rest and follower to the spiral spring F; G², a washer serving as a rest for the pin H; I, the revolving axle of the caster-wheel D.

The weight of the tongue A and of the forward parts of the harvesting-machine, (not shown,) to which it is attached, rests continually upon the ground, immediately beneath the caster-wheel D, while the spiral spring F furnishes to the tongue A and the forward parts of the harvesting-machine, (not shown,) to which it is attached, an intermediate elastic adjustable support.

What we claim, and desire to secure by Letters Patent, is—

1. The combination, with the hanger B, of the stem E, wheel D, washers G G' G², tongue A, and pin H, substantially as and for the purpose set forth.

2. The combination, with the tongue A, of hanger B, bolts C, caster-wheel D, stem E, spiral spring F, washers G G' G², and pin H, substantially as described.

DAVID WALLACE.
JAMES DARCUS.

Witnesses:

L. L. MORRISON,
W. A. GIBSON.