

Travis & Clinton, Grain Binder.

No. 107,126.

Patented, Sep. 6. 1870.

Fig. 1.

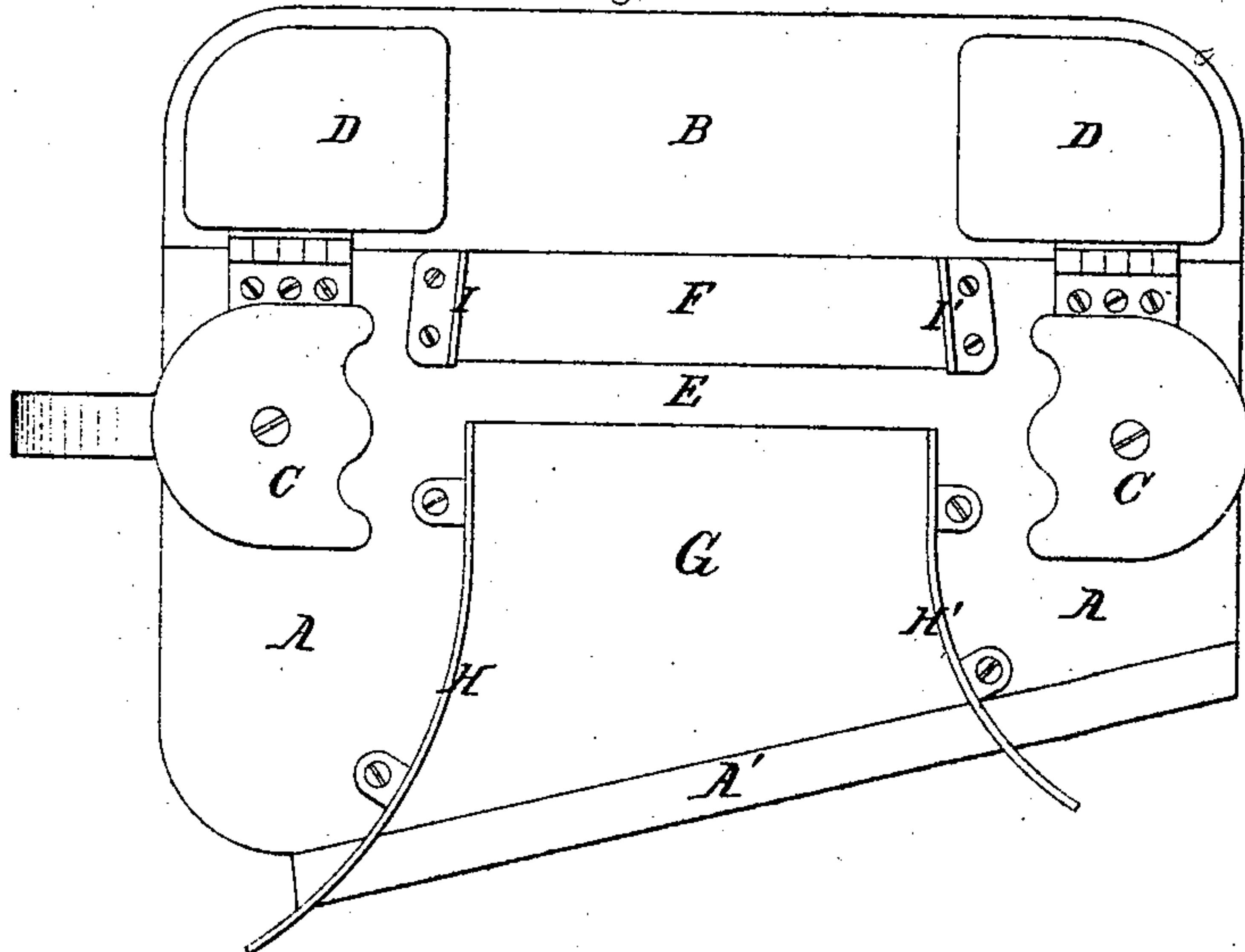


Fig. 2.

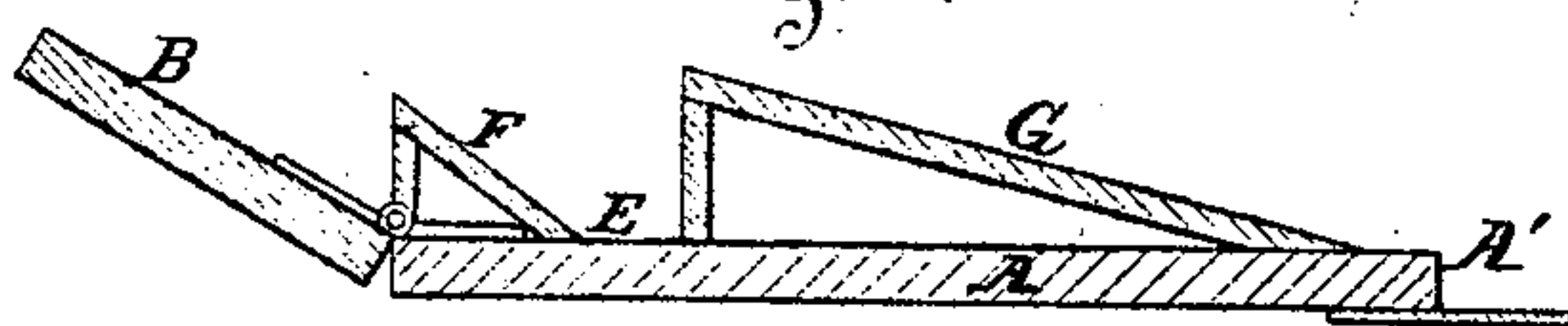
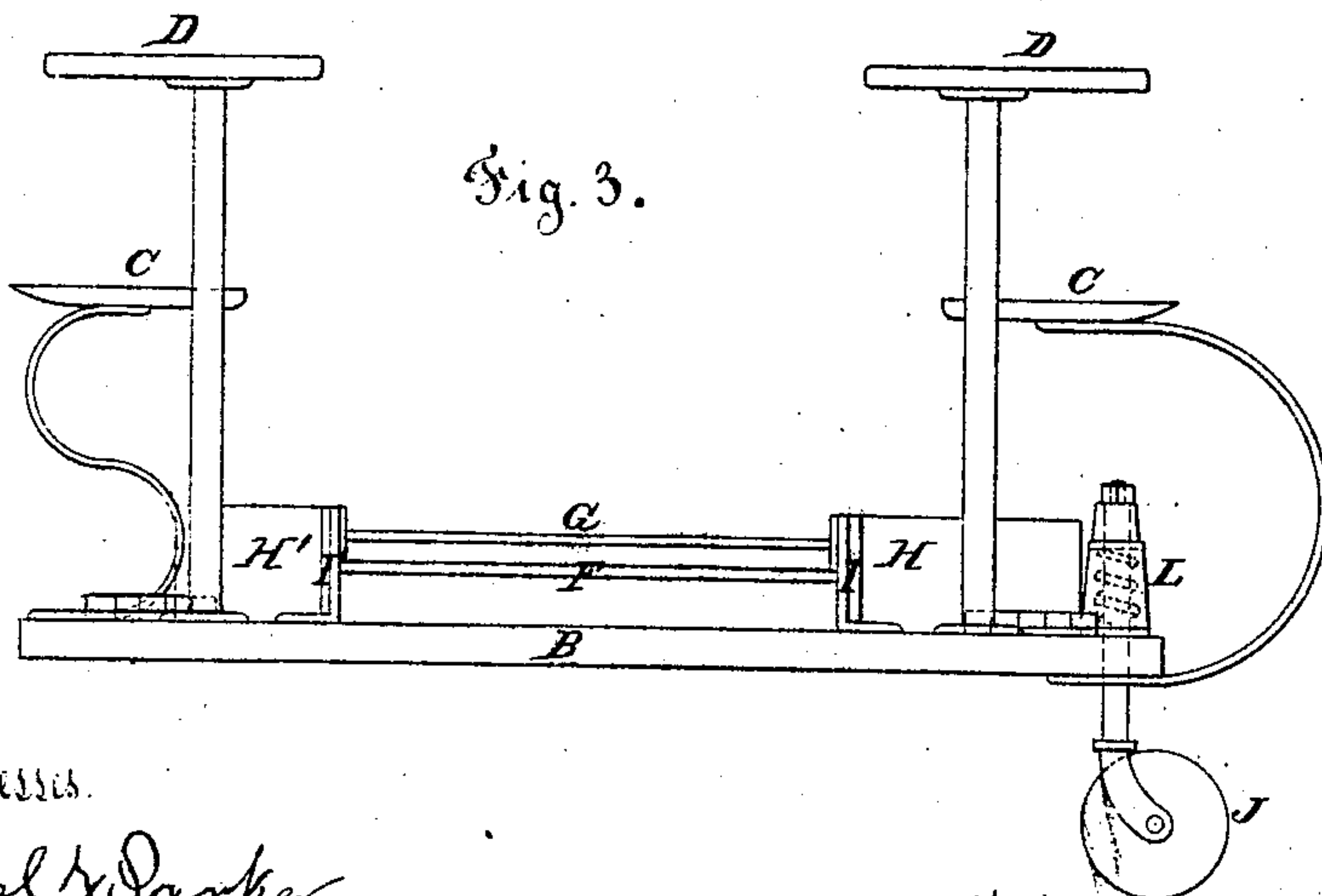


Fig. 3.



Witnesses.

Samuel J. Parker.
J. W. Smith.

Inventors.

Dudley W. Travis
Chas. M. Clinton.

UNITED STATES PATENT OFFICE.

DUDLEY W. TRAVIS, OF ENFIELD, AND CHARLES M. CLINTON, OF ITHACA,
NEW YORK.

IMPROVEMENT IN BINDING ATTACHMENT FOR HARVESTERS.

Specification forming part of Letters Patent No. 107,126, dated September 6, 1870.

We, DUDLEY W. TRAVIS, of Enfield, and CHARLES M. CLINTON, of Ithaca, Tompkins county, New York, have jointly invented an Improved Reaper Binding Attachment, of which the following is a specification:

Our object is to make a platform, on which two men shall be seated, and readily take the grain as it comes from between the guides of the reaper in bundles, and bind it. The mode of doing this, and the appliances which constitute our invention, will be apparent as we describe the several parts thereof.

Figure 1 is a view looking down on our attachment. Fig. 2 is a sectional view through the space between the grain-guides, and Fig. 3 is a view from the back side of our platform or attachment.

In Fig. 1, A A A' is the platform, made in any suitable manner, having the edge A' adjustable to the reaper on the side where the grain is usually pushed off upon the ground by the machine-rake of the reaper. Instead of falling on the ground, however, our attachment receives it, being slid along with the top or head of the bundle passing from A' toward B, up the incline G, between the guides H H'.

The rear end of G terminates in a pit or space, E, between the incline G and the second incline F, and when the bundle lies resting partially on G and partially on F, one of the operators, seated on either of the seats C, passes his hands under the bundle and into the space E, and raises the bundle to the table D next to him, and puts a band of straw or other material about it, while the other operator is making his band, and is taking his bundle up to his table D. Thus on alternately.

In Fig. 2 the inclines G and F are seen in profile, and the further fact that a part of the platform, B, is hinged to the other part, A A. This hinging is for convenience in transportation, passage of gateways, and other places.

In Fig. 3, the elevation of the tables D, seats C, inclines, guides, and other parts are seen, and the further fact that the rear end of the platform has the spring-swivel wheel J under it, the spring being a coiled one, on the shaft of the caster, and concealed in the swivel-stud L. This spring serves to aid the passage of obstacles and uneven ground.

The advantages and further use of our attachment are apparent to those skilled in the art to which it appertains.

Claims.

1. The combination of the inclines G and the guides H H' with its incline F and its guides I I, for the purpose of giving a pit or space between them, into which the hands and arms of the operator are thrust in seizing the bundle to be bound, as set forth.
2. The arrangement of the incline G and its guides, seat C, tables D, and spring-swivel J, operating together, substantially as and for the purposes described.
3. The combined arrangement of the incline G and guides, incline F and guides, seats C, tables D, a swivel, J, operating substantially as and for the purposes described.

D. W. TRAVIS.

CHAS. M. CLINTON.

Witnesses:

SAMUEL J. PARKER,
S. W. SMITH.