

No. 666,049.

Patented Jan. 15, 1901.

M. A. GIFFORD.

SACK JOLTER FOR SACKING GRAIN, &c.

(Application filed July 25, 1900.)

(No Model.)

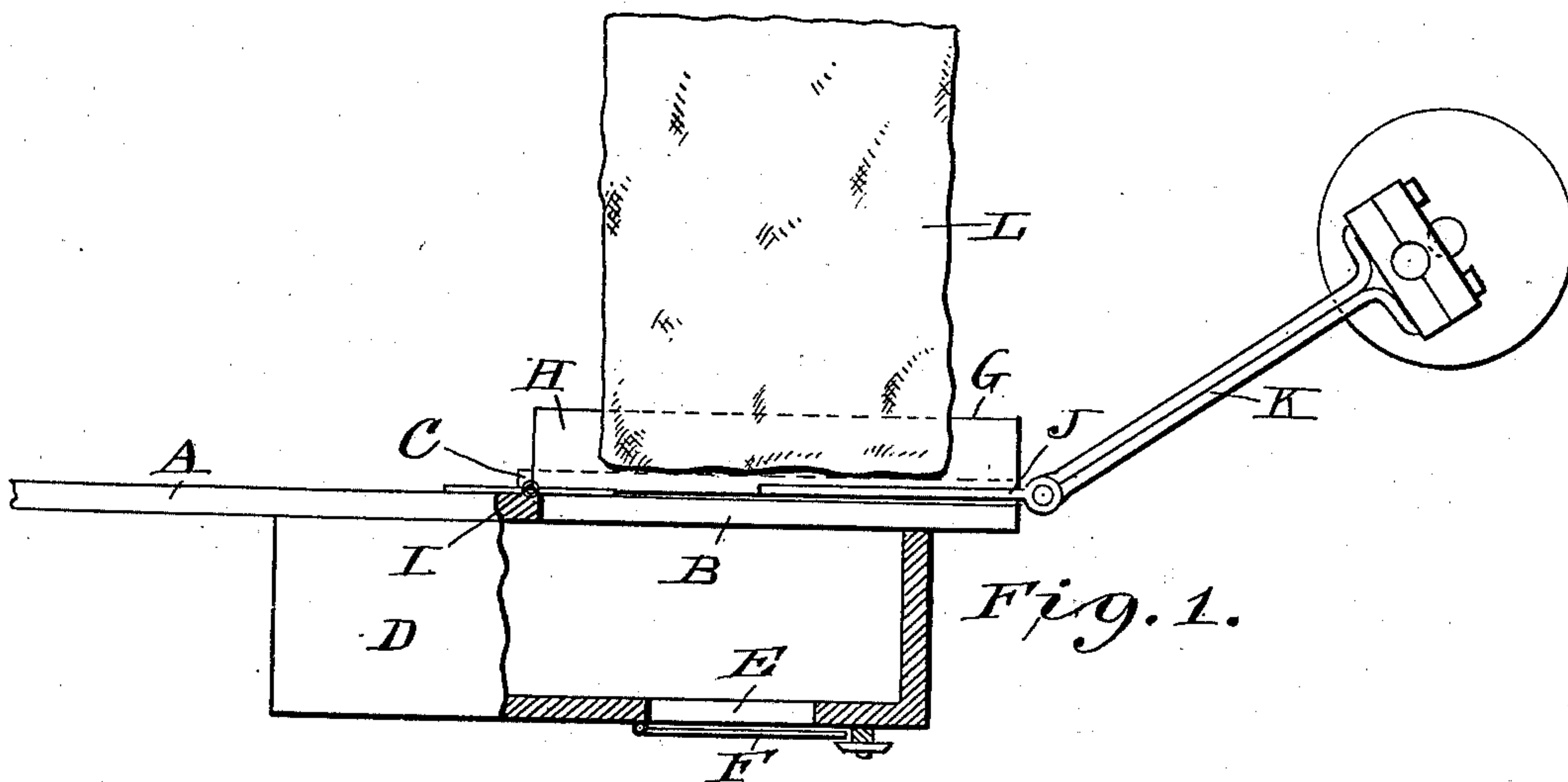
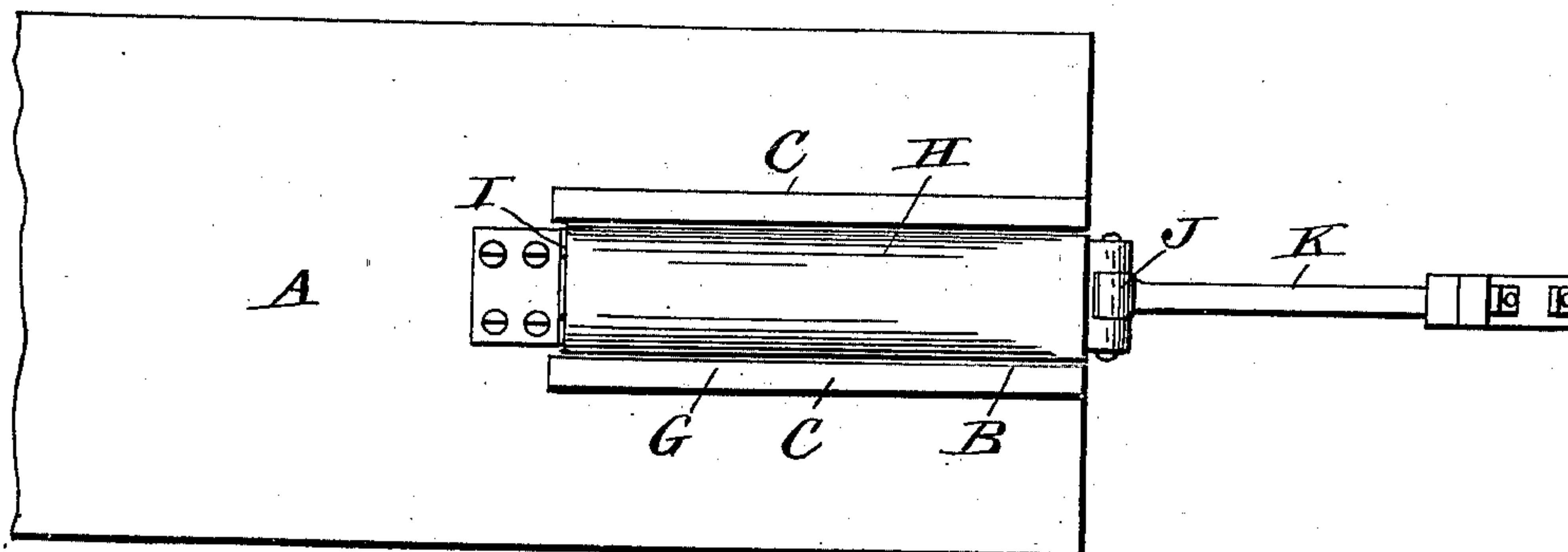
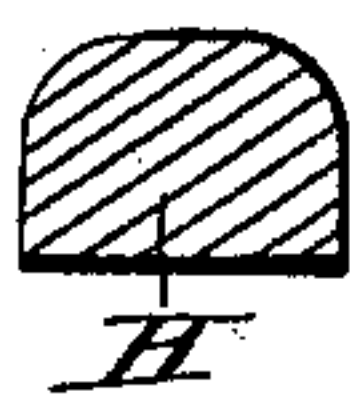


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

MYRON A. GIFFORD, OF GRAFTON, CALIFORNIA.

SACK-JOLTER FOR SACKING GRAIN, &c.

SPECIFICATION forming part of Letters Patent No. 666,049, dated January 15, 1901.

Application filed July 25, 1900. Serial No. 24,835. (No model.)

To all whom it may concern:

Be it known that I, MYRON A. GIFFORD, a citizen of the United States, residing at Grafton, in the county of Yolo and State of California, have invented certain new and useful Improvements in Sack-Jolters for Sacking Grain, &c., of which the following is a specification.

My invention relates to improvements in sack-jolters for settling and compacting the contents of a sack in sacking grain and other materials, and more especially for use in connection with grain-harvesters.

The object of the invention is to provide means whereby the contents of a sack may be quickly, uniformly, and compactly settled.

The invention consists in the features and combination of features, as more fully hereinafter described and claimed.

In the drawings, Figure 1 is a side view in elevation, partly in section; Fig. 2, a top plan view; Fig. 3, a detail section of the jolter-block.

Referring to the drawings, in which like letters of reference denote like parts throughout the several views, A is a platform provided with an opening B, having cleats C on its edge. D is a box under said platform, provided with an opening E and a door F.

G is the sack-jolter, comprising a block H, with a curved or rounded upper surface, said block being placed over the opening B, between the cleats C, and one end hinged to the platform at I, and on its lower surface, at the opposite end, provided with an arm J.

K is a pitman or link, one end connected to the outer end of the arm J and the opposite end to an eccentric on the shaft of a grain-harvesting or other machine, by which the sack-jolter is operated.

L is a sack, the bottom of which rests on the upper curved surface of the sack-jolter and the top of which may be held by hand or in any suitable manner.

The object of providing the block H with a rounded upper surface is to present a smooth surface for a bag to rest upon and prevent the bottom of the same from being mutilated.

The operation is as follows: Upon the rotation of the eccentric the pitman will cause the block of the sack-jolter and the bag thereon to be vibrated or shaken, and thus the con-

tents of the same will be quickly settled and closely compacted. Any overflow of the contents of the sack will fall on the platform and through the opening B in the same into the box D and can be removed therefrom by opening the door F.

Although I have described this invention as adapted for use in settling and compacting grain in sacks, barrels, casks, tubs, and boxes, other receptacles may be used.

I do not wish to be limited to the precise details of construction, as they may be changed somewhat without departing from the spirit of my invention.

Having thus described my invention, what I claim is—

1. A jolter for settling and compacting the contents of a sack or other receptacle, provided with a platform or support having an opening, a block movably supported on said platform adjacent to said opening, and means for vibrating said block, substantially as shown and described.

2. A jolter for settling and compacting the contents of a sack or other receptacle, provided with a support having an opening, a block one end hinged to said support at one edge of said opening and the opposite end connected to means for vibrating the same, substantially as shown and described.

3. A jolter for settling and compacting the contents of a sack or other receptacle, comprising a support or platform provided with an opening, a block one end hinged to said support at one edge of said opening and the opposite end connected to means for vibrating the same, and means for receiving the overflow from said sack or other receptacle, substantially as shown and described.

4. A jolter for settling and compacting the contents of a sack or other receptacle provided with a support, a block hinged thereto having a rounded upper surface, and means for vibrating said block, substantially as shown and described.

5. A jolter for settling and compacting the contents of a sack or other receptacle provided with a support, a block hinged thereto having a rounded upper surface, means for vibrating said block, and means for receiving the overflow from said sack or other receptacle, substantially as shown and described.

6. A device for packing material in bags
and other receptacles, comprising in combi-
nation a receptacle having an opening in the
top, a block with a rounded upper surface
5 projecting above the receptacle and hinged
at the edge of said opening, and means for
vibrating said block, substantially as shown
and described.

7. A device for packing materials in bags
10 and other receptacles, comprising in combi-
nation a receptacle having an opening in the

top, an opening and a door in the bottom, a
block hinged to the edge of the opening in
the top of said receptacle, and means for vi-
brating said block substantially as shown 15
and described.

In testimony whereof I hereto affix my sig-
nature in the presence of two witnesses.

MYRON A. GIFFORD.

Witnesses:

HARRY L. HUSTON,
ARTHUR C. HUSTON.