

L. CREVELING.

Gear-Buttons for Flour-Packers.

No. 146,806.

Patented Jan. 27, 1874.

Fig. 1.

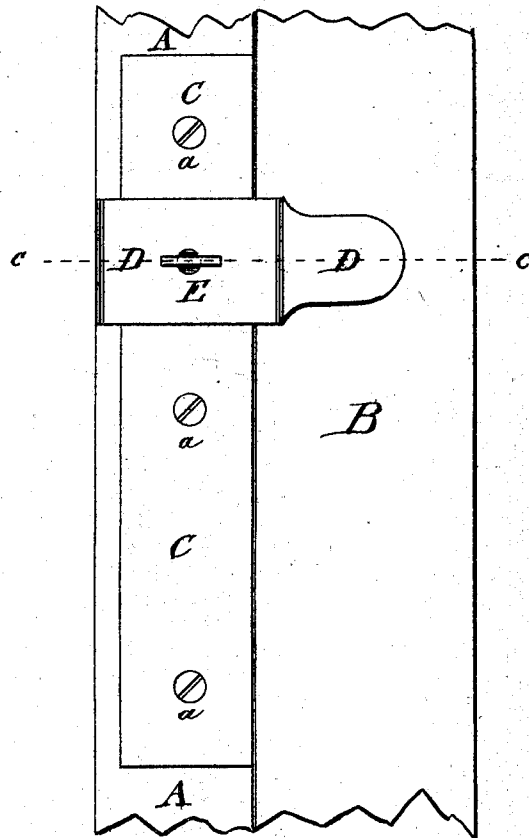
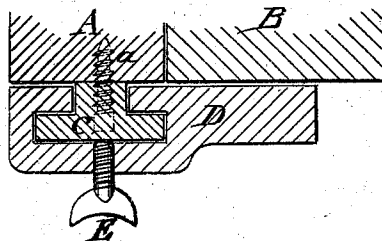


Fig. 2.



Witnesses:

E. Wolff.
Scudgink

Inventor:

L. Creveling
Per *Miner*
Attorneys.

UNITED STATES PATENT OFFICE.

LEWIS CREVELING, OF AKRON, OHIO.

IMPROVEMENT IN GEAR-BUTTONS FOR FLOUR-PACKERS.

Specification forming part of Letters Patent No. **146,806**, dated January 27, 1874; application filed February 21, 1873.

To all whom it may concern:

Be it known that I, LEWIS CREVELING, of Akron, Summit county, and State of Ohio, have invented a new and Improved Adjustable Gear-Button of Flour-Packing Machines, of which the following is a specification:

Figure 1 is a front view of my improved button, and Fig. 2 is a horizontal section on the line C C, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of my invention is to supply in the place of the button at present in use for throwing flour-packing machines out of gear, one which obviates the disadvantages of the old button, and allows an easy and quick adjustment to any position required, controlling thereby more exactly the throwing out of gear of the machine, and packing the barrels and sacks more evenly as to weight.

My invention consists in the application of a T-rail to the upright frame-piece of the platform on which the barrels and sacks are placed, with a button slotted to correspond, which may be set firmly thereon by means of a thumb-screw in the position required to pack the barrels or sacks, and then throw the machine out of gear. The button used at present is applied to the upright piece of the platform-frame by means of a bolt, washer, and nut placed in holes about an inch apart from each other. To adjust the throwing out of gear, the button must be unscrewed, the bolt taken out, placed in the hole required, washer and

nut adjusted, losing thereby a great deal of time without being able to make fractional changes, and use the machine with greater exactness.

In the drawing, A represents the vertical piece of the platform-frame on which the barrels or sacks are placed to be packed, which is guided by the upright post B of the flour-packing machine. The button-rail C, of T shape, is firmly applied to piece A by screws b, or other suitable means, in such a manner that, along the bridge part of the T, button D may be readily moved up and down, and adjusted thereon at any desirable point, by means of thumb-screw E. A side extension of the button E runs along guide-post B, and serves to throw the packing-machine out of gear at the time required. This button may be quickly and exactly set without loss of time, and a more minute control over the packing be obtained, making the whole machine more useful and suitable for the purpose.

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

The button D of a flour-packing machine, adjustable on T-rail C of upright frame-piece A by means of thumb-screw E, substantially as and for the purpose described.

LEWIS CREVELING.

Witnesses:

A. H. CEMMINS,
ALBERT ALLEN.