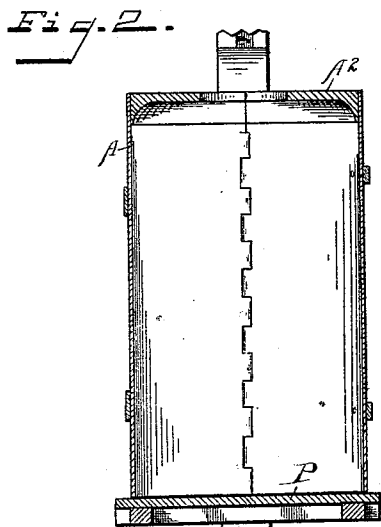
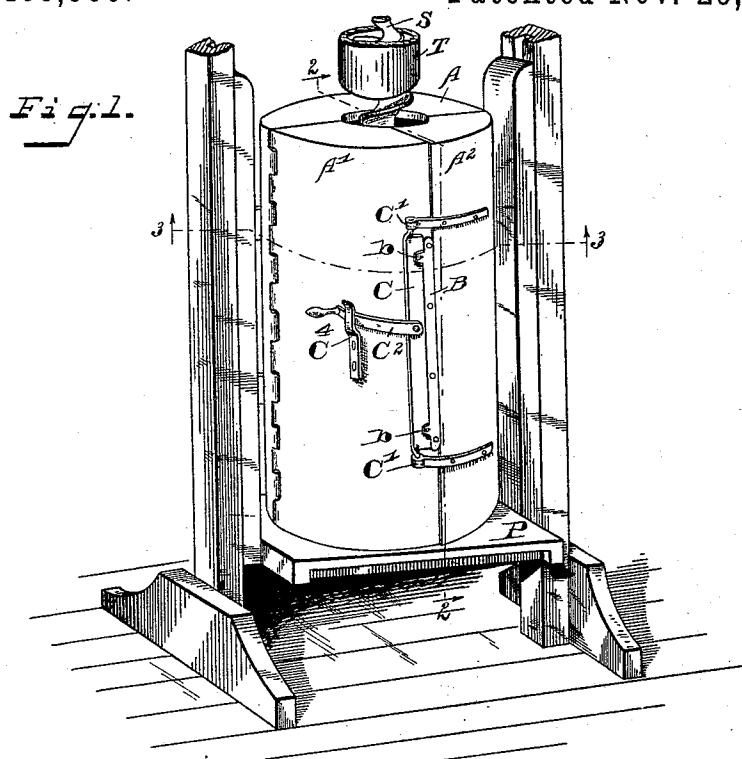


(No Model.)

E. M. THOMPSON.
SACK CASE FOR PACKING MACHINES.

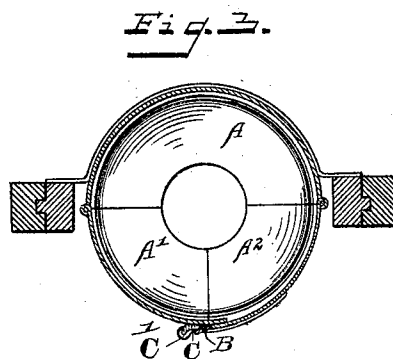
No. 486,960.

Patented Nov. 29, 1892.



WITNESSES:

E. M. Thompson
J. A. Walsh



INVENTOR

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Wm. L. Bradford
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UNITED STATES PATENT OFFICE.

EVERT M. THOMPSON, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO THE
NORDYKE & MARMON COMPANY, OF SAME PLACE.

SACK-CASE FOR PACKING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 486,960, dated November 29, 1892.

Application filed February 27, 1892. Serial No. 423,054. (No model.)

To all whom it may concern:

Be it known that I, EVERT M. THOMPSON, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Sack-Cases for Packing-Machines, of which the following is a specification.

The object of my said invention is to provide an inclosing casing for sacks for flour, bran, and such like articles in which said sacks may be inclosed while being filled by means of a packing-machine, and thus prevented from being torn or burst by the force of the packer, and which shall be capable of being quickly, easily, and securely closed and fastened together and as quickly and as easily opened for the removal of the sack, all as will be hereinafter more particularly described and claimed.

Referring to the accompanying drawings, which are made a part hereof and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of the lower end of a packing-machine with the casing embodying my invention seated upon the vertically-moving platform of such a machine, a fragment of the spout through which the material is conveyed into the sack in operation and a fragment of the screw by which the packing is accomplished being shown above and in connection therewith; Fig. 2, a central vertical sectional view, and Fig. 3 a horizontal sectional view of the same.

In said drawings the portions marked A, A', and A² represent, respectively, the stationary and the two folding portions constituting the body of my improved casing; B, a multipronged catch securely riveted to one of the folding or movable parts, and C a pivoted latch on the other folding part adapted to engage with said catch.

The casing is cylindrical in general outline and consists, as above stated, of the main part A, which usually remains substantially stationary in operation and is substantially in the form of a half-cylinder, and the two other parts A' and A², which are hinged to the part A and are each substantially of the form of a quarter-cylinder, all as shown in the drawings. In operation this casing is usually mounted upon the platform P of the packing-

machine, directly below the discharge-tube T of the packer, (which while the sack is being filled passes down through the orifice in the top of the casing and into the mouth of the sack therein,) which discharge-tube surrounds the packing-screw S, as shown. The two parts A' and A² are hinged to the part A and adapted to be swung back to receive an empty sack and permit the one which has been filled or packed to be removed.

The multipronged catch B is shown as riveted to the swinging part A'. It is shown with two prongs *b*; but obviously a greater number may be employed, although I have found two or three to serve the purpose best. Two or more are necessary where the casing is made of sheet-iron, which I prefer. With one prong only to the catch the material would need to be much heavier than where two or more are employed, as shown.

The latch C has pivots at the ends, which are crank-formed or eccentric to its operating portions and are mounted in bearings C', which are attached to the part A². The handle C² is pivoted to a central portion on this latch and is adapted when the casing is closed to rest behind and be secured by a catch C⁴ on the part A'.

The operation is that an empty sack is placed within and properly secured to the casing while open. The two sides A' and A² are then brought together and the latch C is revolved in its bearings, which throws its longer edge under the prongs of the catch B, and the handle C² is then forced down behind the catch C³ and the fastening is complete. When the sack is completely filled, the handle is raised and the operation reversed, the parts A' and A² swung open, and the filled sack is removed and an empty one put in to take its place. As will be readily understood, this construction not only securely incases the sack during the operation of packing the material therein, but is very quickly and easily operated.

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

1. In a casing for inclosing sacks while being filled by a packing-machine, the combination of a main and two swinging parts, a multipronged catch on one and a swinging

latch having a handle on the other, said latch being arranged to engage behind the prongs of said catch, and thus draw and hold said two swinging parts together, substantially as set forth.

5 2. The combination, with the swinging parts of a casing to contain the sacks in a packing-machine while being filled, of a multipronged catch on one, a swinging latch on the other,
10 said catch and latch being arranged to inter-

lock, and a pivoted handle on the swinging latch with a catch for holding said handle while closed, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 15 6th day of February, A. D. 1892.

EVERT M. THOMPSON. [L. S.]

Witnesses:

CHESTER BRADFORD,
E. W. BRADFORD.