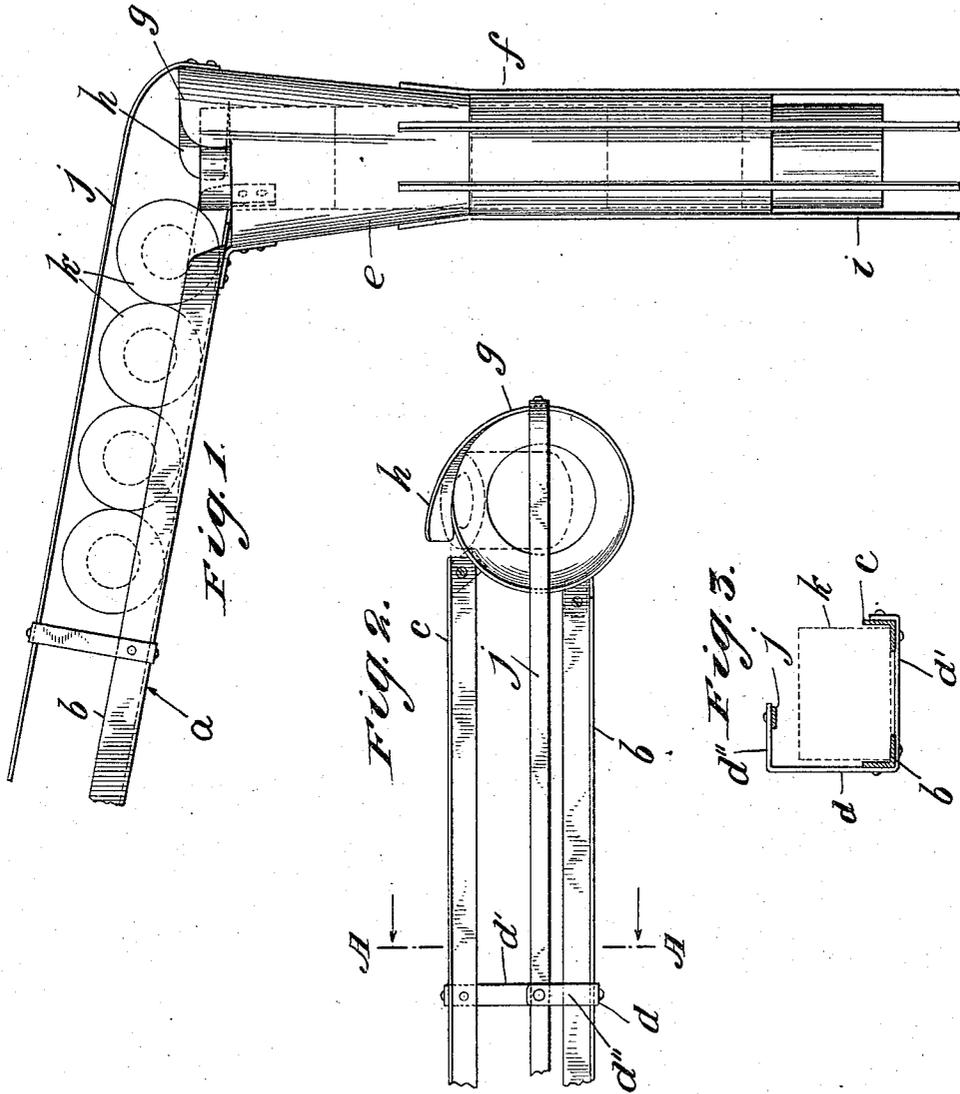


E. J. VAUX.  
CAN RIGHTER.  
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1,184,057.

Patented May 23, 1916.



Witnesses:  
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*M. Reimer.*

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By his Attorney  
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# UNITED STATES PATENT OFFICE.

EDGAR J. VAUX, OF FARIBAULT, MINNESOTA.

## CAN-RIGHTER.

1,184,057.

Specification of Letters Patent.

Patented May 23, 1916.

Application filed May 25, 1914. Serial No. 840,700.

*To all whom it may concern:*

Be it known that I, EDGAR J. VAUX, a citizen of the United States of America, residing at Faribault, in the county of Rice and State of Minnesota, have invented certain new and useful Improvements in Can-Righters, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in can-righters or devices by which cans are automatically thrown from a horizontal to a vertical position; and an object of this invention is to provide a can-righter which will be simple in construction, comparatively cheap in manufacture and efficient and durable in operation and use.

In the drawings illustrating the principle of this invention and the best mode now known to me of applying that principle, Figure 1 is an elevation of so much of a can-righter as is necessary to illustrate this invention; Fig. 2 is a plan of the structure shown in Fig. 1; and Fig. 3 is a section on the line A—A of Fig. 2.

The chute or guideway *a* comprises a pair of angle-bars *b*, *c*, fastened together by the base *d'* of a bracket *d*. At their lower ends the angle-bars *b*, *c* are suitably fastened to the upper end *e* of the spout *f*. This upper end *e* is substantially in the form of a conical frustum the larger base of which is uppermost and the lower base of which leads into the spout proper; that is, the part *e* is trumpet-shaped. From the conical frustum *e* there projects a flange *g* one of the free ends (that is, an ear) *h* of which lies close to the lower end of the angle-bar *c*. The spout *f* is suitably supported, as by the bars *i*. To the upper portion *d''* of the bracket *d* there is fastened one end of a guard-rail *j* the lower end of which is fastened to the flange *g* (Fig. 2).

The operation of my new can-righter is as follows: Cans *k* are placed upon the gravity-track or chute with the tops of the cans lying all on the same side of the track. The cans under the influence of gravity roll down the track until the top of one of the cans strikes the ear *h* of the flange *g*. When the can is in this position, the bottom of the can is free from the angle-bar *b*; and the result of the contact with or striking against the flange *h* is to throw the can into a vertical position. As the filler takes the lowermost can from the bottom of the spout, the lowermost one of the cans in the chute is thrown into a vertical position and into the spout *e*.

My new can-righter is made in two forms,—a right-hand righter and a left-hand righter. The only difference between these two forms consists in the placing of the flange *h* and the chute *a* on the opposite side of the upper end *e* of the spout *f*.

I claim:

A can-righter including a chute down which the can rolls; a downwardly-extending spout mounted at the outlet end of said chute and formed at its upper end with a trumpet-shaped mouth; and a flange for the latter, said flange being formed with an ear that is interposed in the path of one end of the can and shaped to effect in conjunction with the force of gravity the turning of the can into an upright position in the spout.

Signed at Faribault, in the county of Rice and State of Minnesota, this 18th day of May, A. D. 1914, in the presence of the two undersigned witnesses.

EDGAR J. VAUX.

Witnesses:

CHAS. S. BATCHELDER,  
CHARLES R. ALBIE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."