J. W. VANNICE.

DUMPING DEVICE FOR FILLING GRAVES.

No. 170,649. Patented Nov. 30, 1875.

Fig. 1.

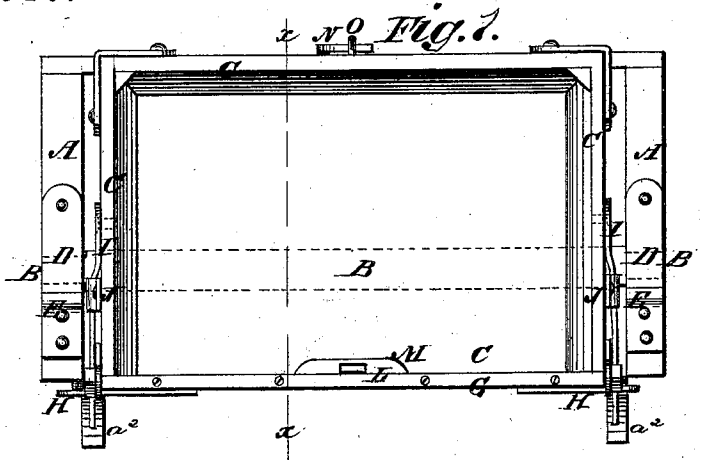


Fig. 2.

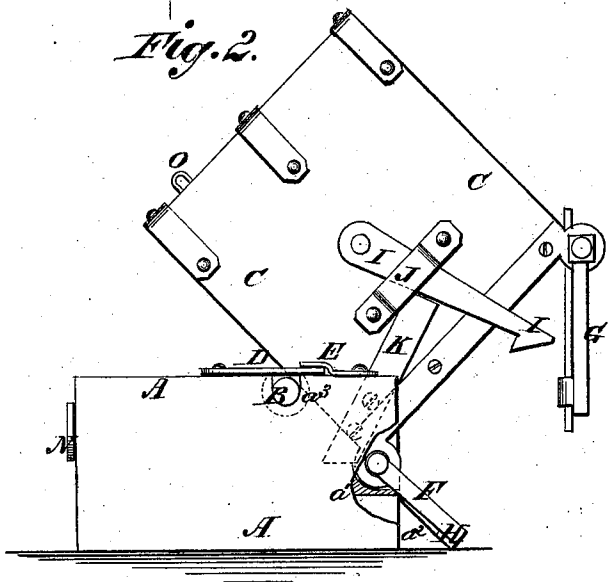
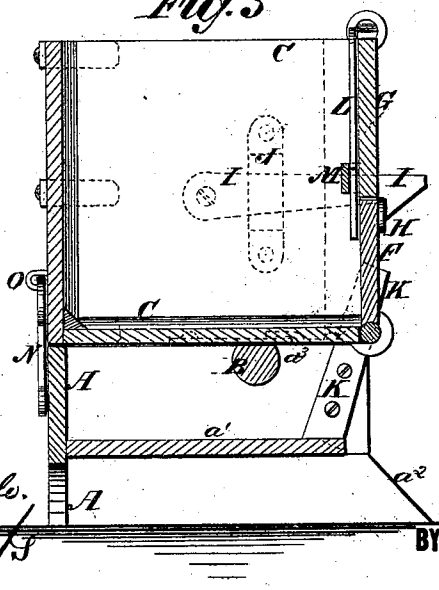


Fig. 3



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JOHN W. VANNICE, OF CRAWFORDSVILLE, INDIANA.

IMPROVEMENT IN DUMPING DEVICES FOR FILLING GRAVES.

Specification forming part of Letters Patent No. **170,649**, dated November 30, 1875; application filed October 23, 1875.

To all whom it may concern:

Be it known that I, JOHN W. VANNICE, of Crawfordsville, in the county of Montgomery and State of Indiana, have invented a new and useful Improvement in Device for Filling Graves, of which the following is a specification:

Figure 1 is a top view of my improved device. Fig. 2 is a side view of the same dumped, and part being broken away to show the construction. Fig. 3 is a vertical cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved device for receiving the soil thrown up in digging graves and dumping it all at once into the grave to fill it, and which shall be simple in construction and convenient in use.

The invention consists in the combination of the base, made with close sides and back, and provided with a bottom, with inclines upon its forward side, with projecting arms, and with notches in the upper edges of its sides, and the tilting box, made with an open top and front, and provided with the shaft, the two-part door, hinged to the upper and lower corners of its front, the catch-bars, the latches, and the bar and keeper, with each other, as hereinafter fully described.

A is the base or platform of the device, which is made with close sides and back and an open front, and is provided with a bottom, a^1. The side bars of the base A project in front, and are beveled off to form inclines a^2, as shown in Figs. 1, 2, and 3, for the purpose hereinafter set forth. In the upper edges of the sides of the base A are formed notches a^3, to receive the journals of the shaft B, rigidly attached to the box C, which is made with a close bottom, sides, and back, and an open front and top. The journals of the shaft B are kept in place in the notches a^3 by buttons D, pivoted to the upper edges of the sides of the base A, and the free ends of which shut in beneath open keepers E, also attached to said edges.

The box C is made shorter than the base A, so that it may be readily inclined to dump its contents. The open front of the box C is closed by the two-part door F G. The lower part F is hinged at its lower edge to the lower corners of the front of the box C, and has catch-bars H attached to it, upon the projecting ends of which the latches I catch. The latches I are pivoted to the sides of the box C, and are kept in place by keepers J, attached to said sides.

K are bars attached to the forward part of the sides of the base A, in such positions that their projecting upper ends, when the box C is tilted, may strike against the latches I and raise them, allowing the doors F G to swing open, the lower door F dropping upon the beveled ends of the bars a^2, and serving as an apron to guide the dirt into the grave. The upper part G of the door is pivoted at its upper edge to the upper forward corners of the sides of the box C, and is held shut by the lower part F, which rests against the lower part of a bar, L, which is placed in a keeper, M, attached to the said part G, as shown in Figs. 1 and 3.

This construction allows the upper part G of the door to be turned up upon the top of the box C for convenience in throwing in the first dirt. The box C is secured in position upon the base A by a hook, N, and eye O, or other convenient fastening.

In using the device it is placed at the side of the place where the grave is to be dug, and the upper part G of the door is turned up upon the top of the box C. The dirt is then shoveled into the box C until it is filled up to the upper edge of the part F of the door. The part G is then turned down into place and secured by the bar or bolt L, and the digging of the grave is completed.

When the grave is to be filled the fastening N is unfastened, and the box C is tilted forward until the arms K strike against and raise the latches I, allowing the doors F G to swing open, and discharging the dirt into the grave.

The buttons D allow the device to be readily taken apart for convenience in moving it from place to place.

Having thus described my invention, I claim

as new and desire to secure by Letters Patent—

The combination of the base A, made with close sides and back, and provided with the bottom a^1, the inclines a^2, the arms K, and the notches a^3, and the tilting box C, made with an open top and front, and provided with the shaft B, the two-part door F G, hinged to the upper and lower corners of its front, the catch-bars H, the latches I, and the bar and keeper L M, with each other, substantially as herein shown and described.

JOHN W. his × mark. VANNICE.

Witnesses:
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