





# UNITED STATES PATENT OFFICE.

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## ASH-CART.

SPECIFICATION forming part of Letters Patent No. 667,837, dated February 12, 1901.

Application filed June 29, 1900. Serial No. 22,058. (No model.)

*To all whom it may concern:*

Be it known that I, CARL BRANDT, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Ash-Carts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to receptacles for receiving ashes, sweepings, and the like, which tend to fly when thrown or shoveled into a cart, the object being to prevent the scattering of the dust and obviate the annoyance generally arising from this source.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are necessarily susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a cart embodying the invention. Fig. 2 is a longitudinal section thereof, the dotted lines showing the operation of the tilting closure and the end-gate.

Corresponding and like parts are referred to in the following description and indicated in both views of the drawings by the same reference characters.

The body 1 of the cart is mounted upon wheels 2 and is adapted to be propelled or drawn in any desired manner and is constructed either of metal or wood or a combination of the two. The bottom 3 of the body inclines slightly throughout its length, and the end 4 likewise inclines and forms an obtuse angle with said bottom, the upper portion of the end 4 projecting above the plane of the top 5 and having an overhanging part 6 to form a stop and a guard. The part of the top 5 adjacent to the end 4 is removed to provide an opening through which ashes and the like are dumped into the cart, and this opening is closed by means of a plate or board 7, mounted so as to tilt and automatically

open by the weight of any ashes or the like deposited thereon. The tilting closure 7 is pivotally connected with the sides of the body a short distance from the edge adjacent to the head 4, the axial line being represented at 8. A weight 9 is attached to the under side of the outer portion of the closure 7 and counterbalances the inner portion of said closure and holds it normally in position for closing the opening through which ashes, sweepings, and the like have entrance into the body. The inner end of the tilting closure 7 underlaps the top 5 and is limited in its upward movement thereby. The weighted portion of the closure comes below the overhanging portion 6 and is limited in its upward movement thereby, and said overhanging portion prevents ashes and like refuse matter from lodging upon the weighted end of the closure 7 when thrown into the body or receptacle.

The hood incloses three sides of the opening closed by the part 7 and consists of a curved plate 10 and end pieces 11, the latter closing the spaces formed between the ends of the plate 10 and the sides of the body. The plate 10 curves over the closure 7 and acts as a deflector and guard and prevents the ashes from passing beyond the opening when thrown into the cart. When ashes, sweepings, or similar refuse matter are thrown upon the inner portion of the tilting closure 7, the latter automatically opens under the weight of the matter placed thereon and causes said matter to be discharged into the cart, when the closure is returned to a normal position by the action of the weight 9, thereby, in conjunction with the above-described hood, preventing the dust incident to the operation flying about in the air and attaining the objects of the invention.

A door 12 closes an opening in the lower portion of the end 4 and is hinged so as to swing outward and downward, as indicated by the dotted lines in Fig. 2. This door may be hinged to swing upward or in any desired direction and facilitates the unloading of the cart when it is required to dump or discharge the contents thereof at any convenient point.

A cross-bar 13 is located below the tilting closure adjacent to its axis and is secured at its ends to the sides of the cart and serves to



limit the downward movement of the cover when swung inward to discharge a load placed thereon. This cross-bar 13 supplements the overhanging portion 6 in limiting the movement of the cover to prevent its catching into the contents of the cart when the latter is nearly filled.

Having thus described the invention, what is claimed as new is—

10 1. In an ash-cart or the like, a closed body or receptacle having an opening in its top at one end, an overhanging portion attached to the adjacent end of said receptacle, a tilting closure for the said opening having its inner  
15 end portion adapted to underlap the top of the receptacle adjacent to the opening and having its outer portion limited in its upward movement by the aforesaid overhanging part, and a weight applied to the outer end of the  
20 said tilting closure, as and for the purpose set forth.

2. In an ash-cart or the like, a closed body or receptacle having an opening in its top at one end and provided with an overhanging  
25 portion attached to the adjacent end of said body, a counterbalanced tilting closure for the said opening having its inner end under-

lapping the end portion of the top adjacent to the opening, and a hood inclosing the opening on three sides and comprising a curved plate and end pieces, substantially as set forth. 30

3. In an ash-cart or the like, a closed body or receptacle having an opening in its top at one end and having the end adjacent to said opening inclined and provided with an overhanging portion at its upper end in a higher plane than the top of said body, a tilting closure applied to the opening in the top of the body and having its inner end underlapping  
40 said top and its outer end limited in its upward movement by the aforesaid overhanging part, a weight applied to the outer end portion of the said closure, and a hood inclosing three sides of the opening in the top of  
45 the body and comprising a curved plate and end pieces, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CARL BRANDT.

Witnesses:

STELLA S. BRANDT,  
GEORGE W. AHL.