

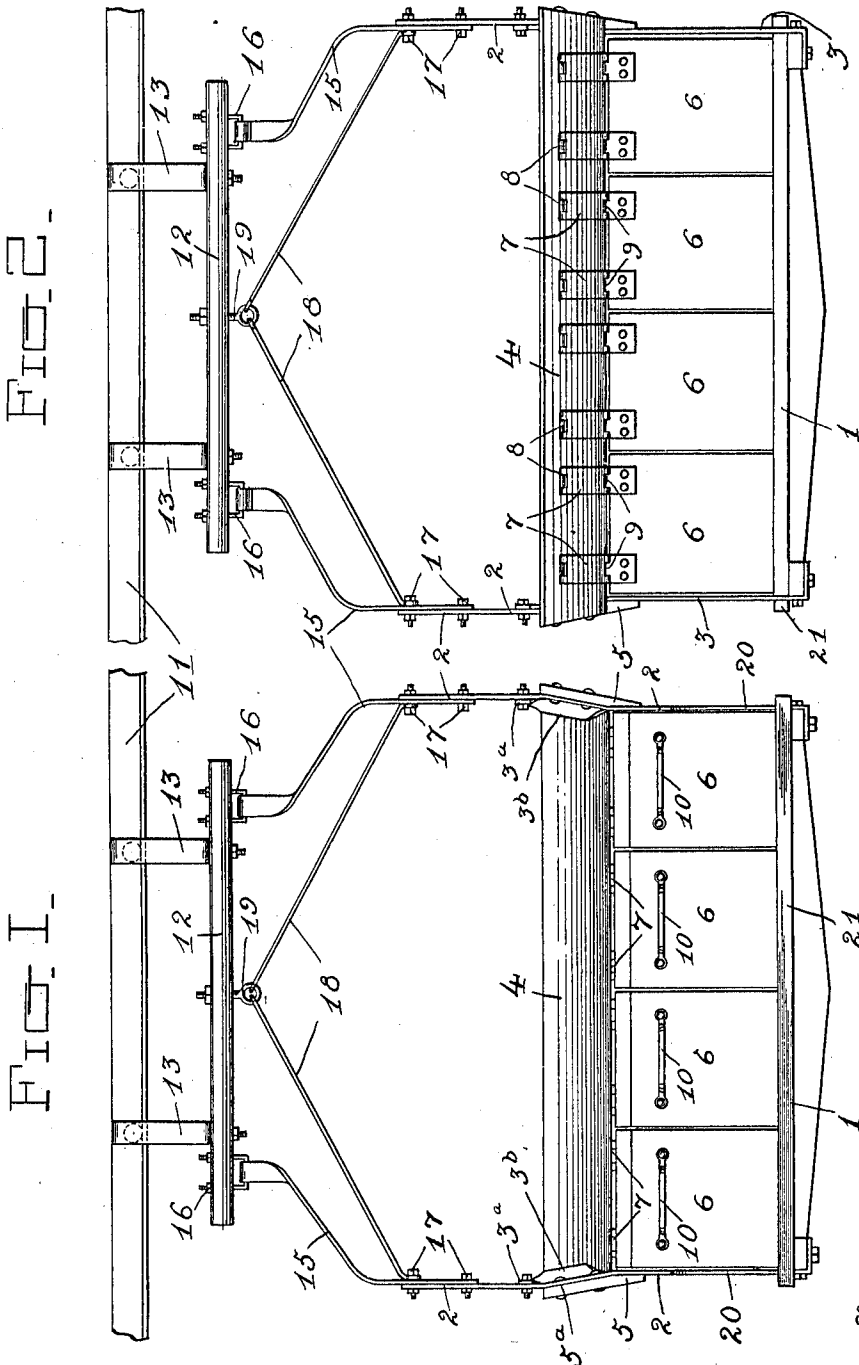
O. BORGEN.
ENSILAGE CARRIER.

APPLICATION FILED APR. 8, 1910.

Patented Jan. 3, 1911.

2 SHEETS-SHEET 1.

980,190.



Witnesses

Milton Jester.
A. Randolph Jr.

Oscar Borgen
By L. A. Louie Attorney

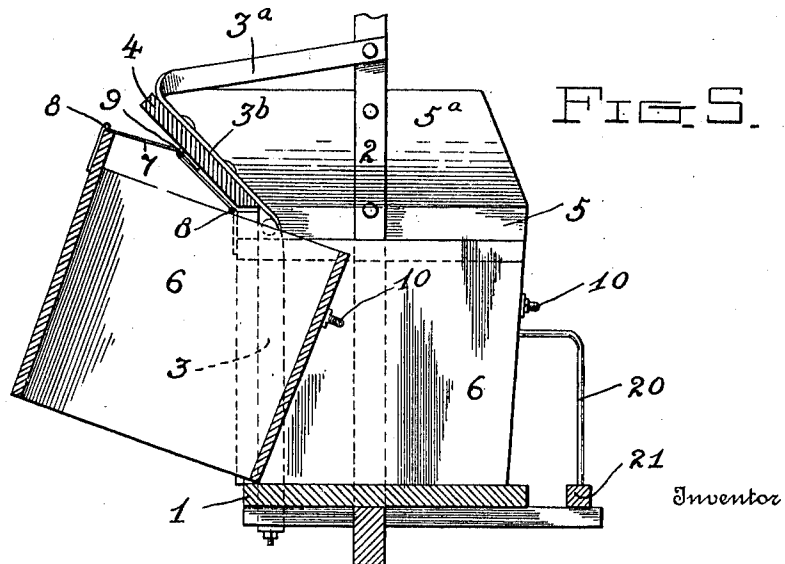
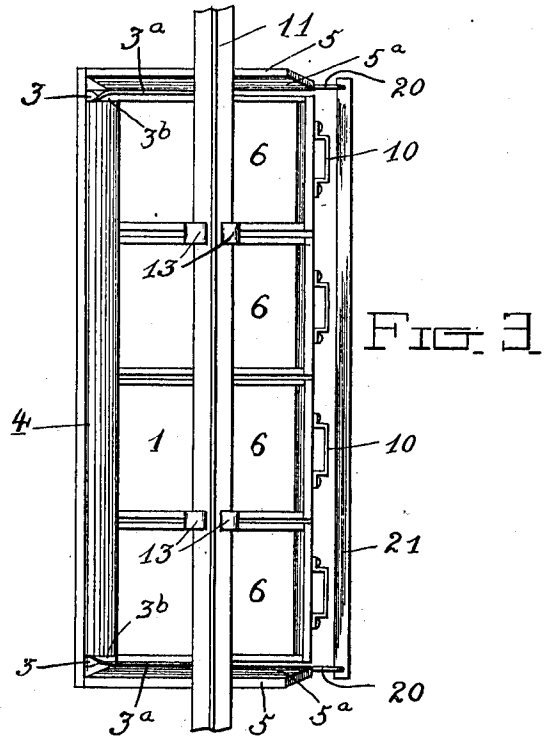
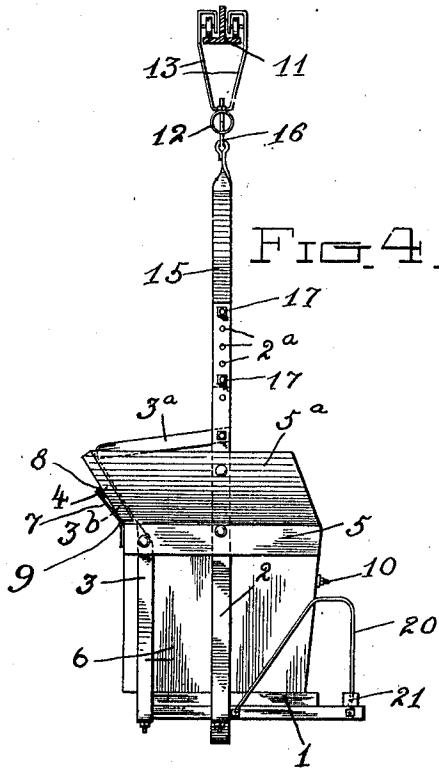
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UNITED STATES PATENT OFFICE.

OSCAR BORGEN, OF DALLAS, WISCONSIN.

ENSILAGE-CARRIER.

980,190.

Specification of Letters Patent.

Patented Jan. 3, 1911.

Application filed April 8, 1910. Serial No. 554,241.

To all whom it may concern:

Be it known that I, OSCAR BORGEN, a citizen of the United States, residing at Dallas, in the county of Barron and State of Wisconsin, have invented certain new and useful Improvements in Ensilage-Carriers, of which the following is a specification.

My invention relates to devices used in feeding cattle and is particularly adapted to feeding ensilage and has for its object the provision of a device adapted to travel on an overhead track and provided with a number of separate compartments that are capable of being dumped individually, the compartments being of proper size to constitute a feed for one animal so that by filling the compartments at the silo no handling afterward or measuring of the feed will be necessary.

My invention will be described in detail hereinafter and illustrated in the accompanying drawings in which—

Figure 1 is a front view of my improved ensilage carrier, Fig. 2, a rear view, Fig. 3, a top plan view, Fig. 4, an end view, and Fig. 5, a cross-section through one of the compartments showing it open.

In the drawings similar reference characters indicate corresponding parts in all of the views.

My improved ensilage carrier consists of a base 1 to the ends of which are secured uprights 2 and 3, the uprights 2 being provided with a series of holes 2^a in their upper ends while the uprights 3 are formed angular in shape and have their upper horizontal ends 3^a secured to uprights 2 intermediate of their tops and bottoms.

4 indicates a hopper board secured to the uprights 3 adjacent to the horizontal portions 3^a, the uprights being formed with a slightly inclined portion 3^b to give the board 4 a slight incline as shown.

5 indicates end boards secured to uprights 2 and 3, and having their upper ends inclined as shown at 5^a.

6 indicates compartments pivotally secured to hopper board 4 by means of strips 7 hinged as shown at 8 and 9 to the board 4 and one of the ends of the compartments 6.

10 indicates handles secured to the other ends of the compartments.

As shown in the drawings the compartments 6 are formed bottomless, the base 1 forming the bottom of the compartments when being filled and during transportation of the contents to the manger where it is to be dumped. When the manger is reached one of the compartments is dumped by moving it rearwardly, the contents dropping out into the manger as the compartment is swung rearwardly and the front board scraping all of the ensilage from the base 1 into the manger.

My improved carrier is, as stated above, designed to be suspended from an overhead track 11 which may be of any preferred construction and made of any desired material.

12 indicates a supporting bar for my carrier having the supports 13 secured thereto with rollers journaled thereon that engage the top of the track 11.

15 indicates rods secured to supporting bar 12 by means of staples 16 and having their lower ends secured to uprights 2 by means of bolts 17 and engaging holes in the series 2^a, it being understood that the carrier is adjusted up or down as desired by utilizing the series of holes 2^a so that the base 1 will be approximately the same height as the top of the manger to permit dumping of the compartments 6.

18 indicates brace rods secured at one end to uprights 2 and at their other ends to an eye bolt 19 in the middle of supporting bar 12 to strengthen the supporting structure, the braces being capable of being tightened by screwing up the eye bolt 19.

20 indicates a bracket secured to each end of the base 1 constructed of metal rod or wire, and 21 a bar slidably mounted on said brackets that is capable of being used as a handle for actuating and guiding the device.

In use the compartments 6 rest on the base 1 while they are being filled and transported to the stable. As stated, each compartment is of a size to hold the proper quantity of ensilage to feed one head of cattle, so that on reaching the stable the carrier is halted in front of a manger, so that one of the filled compartments is in line therewith. The compartment is then pushed over the manger, dumping the contents therein and returned to its position on the base. This operation is repeated at other stalls until all

of the compartments are emptied. The carrier is then returned to the silo and the operation repeated.

Having thus described my invention what I claim is:

1. In an ensilage carrier, a base mounted for transportation, a hopper board suitably secured above the base, and a plurality of compartments mounted on the base and hinged to said hopper board.

2. In an ensilage carrier, a base mounted for transportation, a hopper board suitably secured above the base, and a plurality of compartments slidably mounted on the base and hinged to said hopper board.

3. In an ensilage carrier, a base mounted for transportation, a hopper board suitably secured above the base, and a plurality of bottomless compartments mounted on the base and hinged to said hopper board.

4. In an ensilage carrier, a base mounted for transportation, a hopper board suitably secured above the base, and a plurality of bottomless compartments slidably mounted on the base and hinged to said hopper board.

5. In an ensilage carrier, a base suspended

from an overhead track, a hopper board suitably secured, and a plurality of compartments seated on said base and hinged to said hopper board.

6. In an ensilage carrier, a base suspended from an overhead track, a hopper board suitably secured above the base, and a plurality of bottomless compartments seated on said base and hinged to said hopper board.

7. An ensilage carrier comprising a base, uprights secured to said base, a suspending device adjustably secured to said uprights, a hopper board secured to the uprights, bottomless compartments normally seated on said base and forming receptacles for the ensilage, straps hinged to said compartments and to the hopper board, brackets secured to the ends of the base, and a handle bar slidably secured to the brackets.

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

OSCAR BORGEN

Witnesses:

J. W. SODERBERG,
L. S. CHENEY.