Jan. 17, 1967 J. J. DILL ETAL 3,298,128

FOLDABLE FIBERBOARD RODENTICIDE FEEDING APPARATUS

Filed March 18, 1965 4 Sheets-Sheet 1

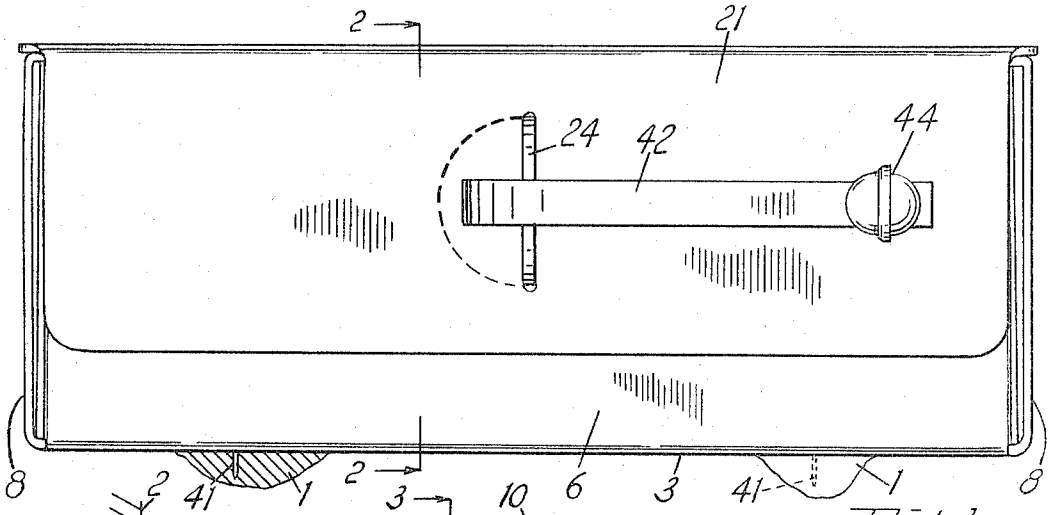


Fig. 1.

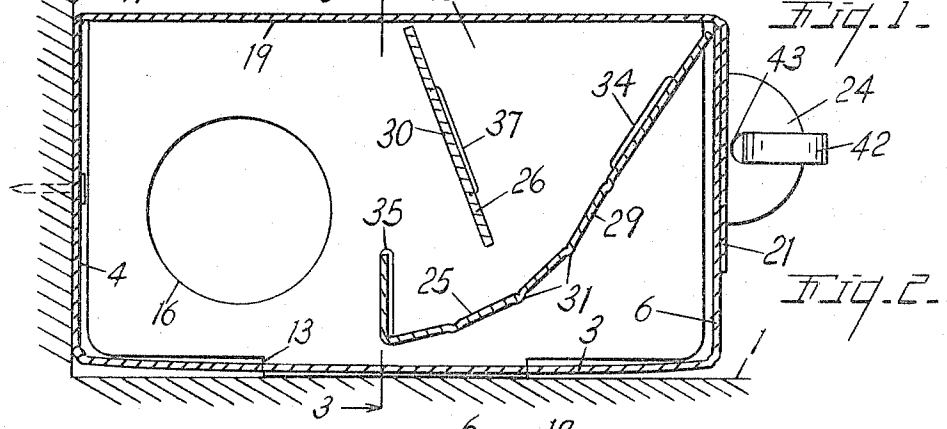


Fig. 2.

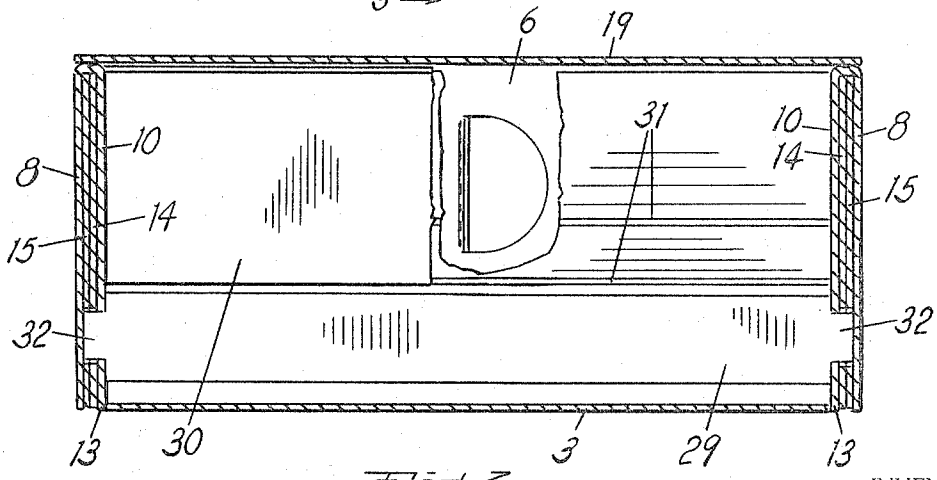


Fig. 3.

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FOLDABLE FIBERBOARD RODENTICIDE FEEDING APPARATUS

Filed March 18, 1965 4 Sheets-Sheet 2

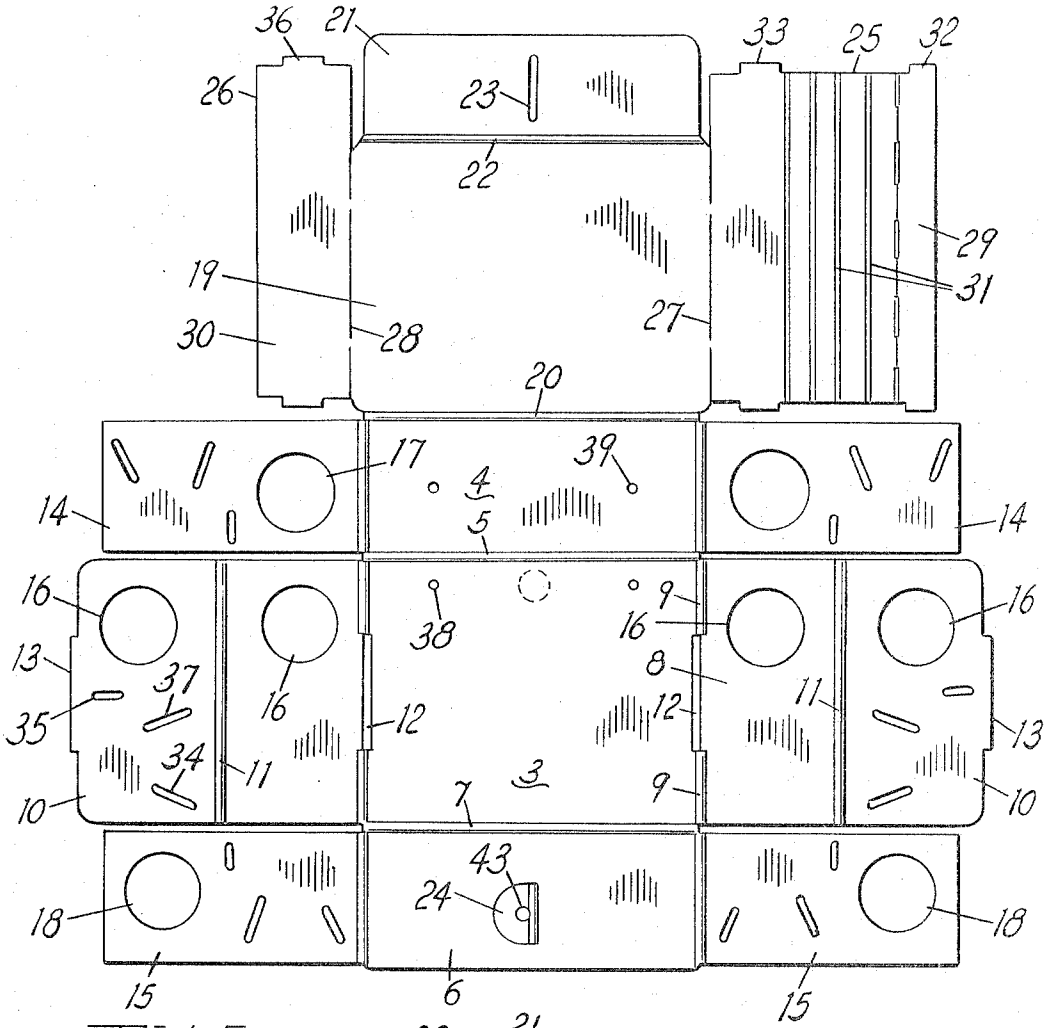


Fig. 3.

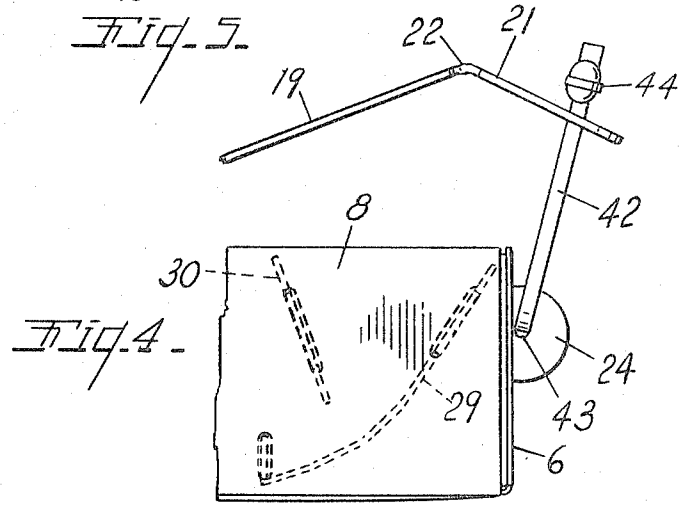


Fig. 4.

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FOLDABLE FIBERBOARD RODENTICIDE FEEDING APPARATUS

Filed March 18, 1965 4 Sheets-Sheet 3

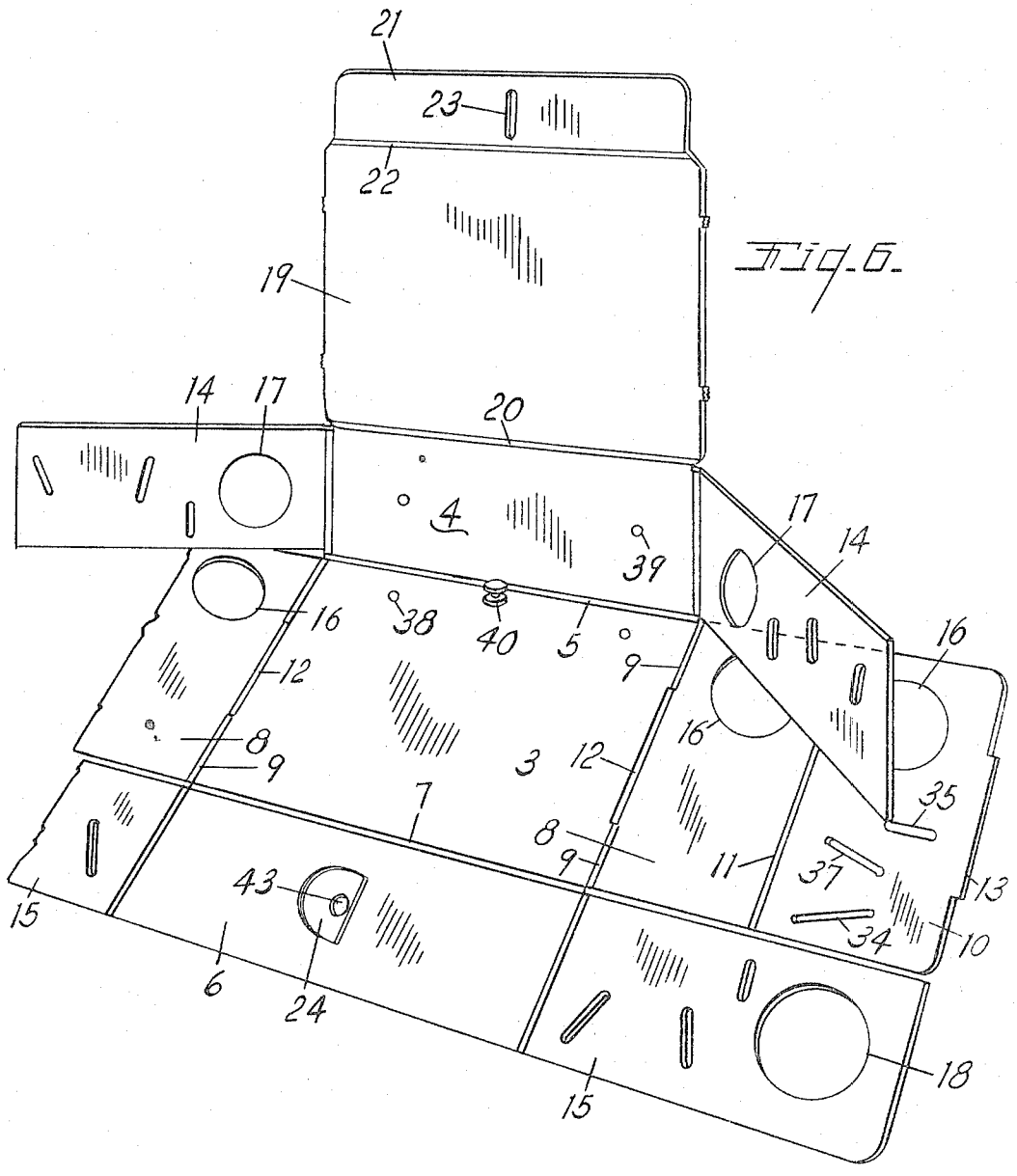


Fig. 6.

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FOLDABLE FIBERBOARD RODENTICIDE FEEDING APPARATUS.

Filed March 18, 1965 4 Sheets-Sheet 4

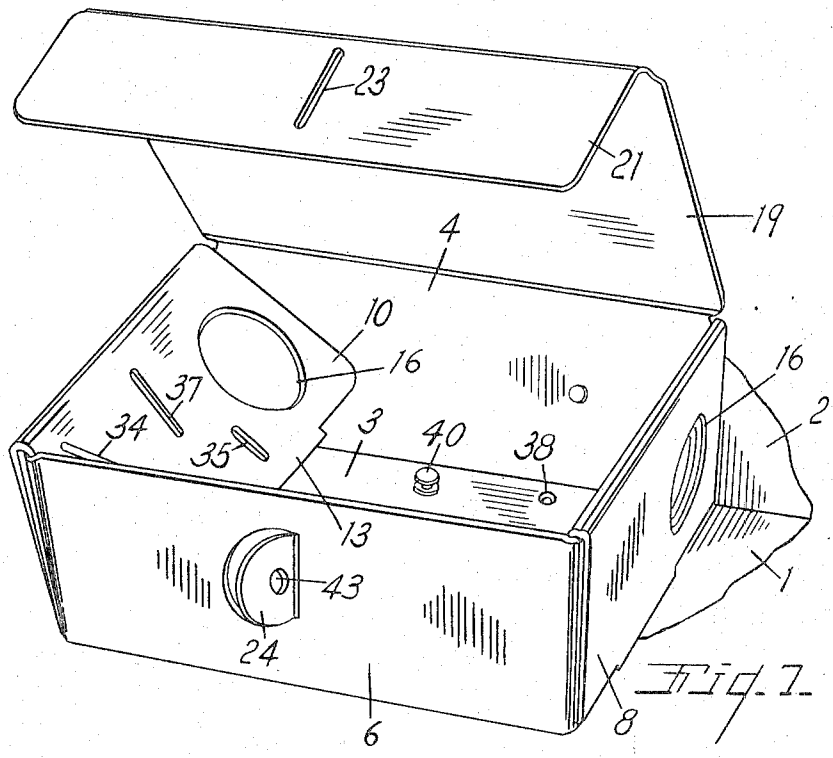


Fig. 7

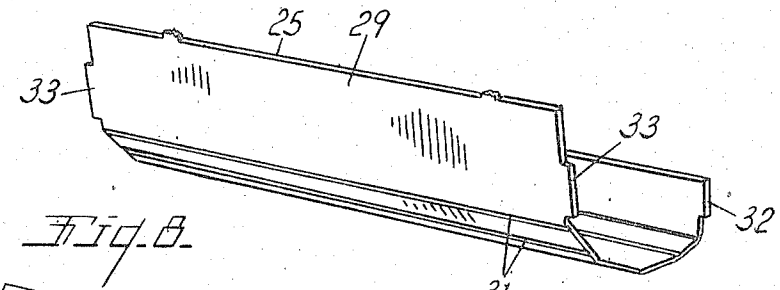


Fig. 8

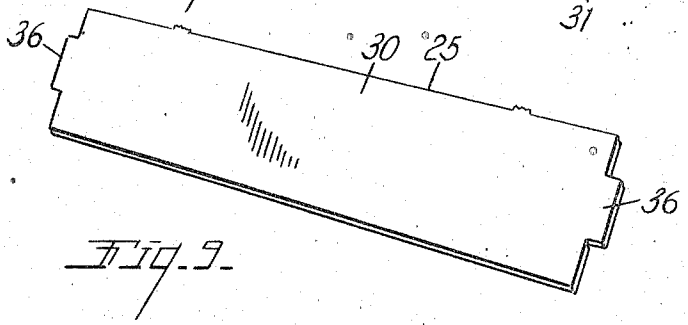


Fig. 9

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United States Patent Office 3,298,128 Patented Jan. 17, 1967

3,298,128

FOLDABLE FIBERBOARD RODENTICIDE FEEDING APPARATUS

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Filed Mar. 18, 1965, Ser. No. 440,741
14 Claims. (Cl. 43—131)

This invention relates to rodenticide feeding apparatus. The main objects of this invention are,

First, to provide a rodenticide feeding apparatus which may be installed on a floor and against a wall and retainingly secured thereto, while permitting the introduction of rodenticide after it has been installed.

Second, to provide a rodenticide feeding apparatus which, aside from the securing and latch means, may be formed from a single sheet of fiberboard.

Third, to provide a structure in which the grain is effectively housed but which includes a trough-like portion open to the interior of the housing.

Fourth, to provide a structure embodying these advantages which, with the exception of securing means, may be formed of unitary sheet stock such as fiberboard and which may be quickly erected and secured in use position such as on a floor, against a wall, or both.

Fifth, to provide a rodenticide feeding apparatus in which the material is effectively housed and retained, except as consumed by rodents or the like entering the housing.

Objects relating to details and economies of the invention will appear from the description to follow. The invention is defined and pointed out in the claims. A preferred embodiment of the invention is illustrated in the accompanying drawing, in which:

FIG. 1 is a front elevational view of a rodenticide apparatus embodying my invention in installed position relative to a floor, fragments of which are conventionally illustrated.

FIG. 2 is a cross sectional view taken on line 2—2 of the embodiment of my invention illustrated in FIG. 1, portions of a wall and floor being conventionally illustrated.

FIG. 3 is a view mainly in longitudinal section on a line corresponding to line 3—3 of FIG. 2, some parts being broken away to show structural details.

FIG. 4 is a fragmentary view with the cover in open position, illustrating the supporting means for the receptacle and trough, these members being indicated by dotted lines.

FIG. 5 is a plan view of the cut and scored blank with the receptacle and trough members partially severed.

FIG. 6 is a perspective view of the housing or body unit with the parts in partially erected position, the receptacle trough members illustrated in the cut and scored blank of FIG. 5 having been removed.

FIG. 7 is a front perspective view showing a further step in erecting.

FIG. 8 is a perspective view of one of the receptacle and trough members adjusted for installing.

FIG. 9 is a perspective view of the other receptacle member, the coacting relation of these members in installed position being illustrated in FIG. 2.

I have illustrated in the accompanying drawing a preferred and practical embodiment of my invention. In FIGS. 1 and 2 I illustrate my invention in fully closed installed relationship to a floor, indicated by the numeral 1, and a wall indicated by the numeral 2. In FIG. 5 I illustrate a blank of fiberboard cut, scored and perforated. It is desired to point out that there is no riveting or stapling of parts required to maintain the several elements in erected position. Means are provided to receive nails or other fasteners for attaching to a floor or to a wall, or to both. As stated, the parts are desirably formed of a single sheet of fiberboard stock.

The embodiment illustrated comprises the bottom 3, the rear wall 4 hingedly secured to the bottom by the score 5, the front wall 6 hingedly secured to the floor of the bottom 3 by the scores 7, outer end wall members 8 hingedly secured to the ends of the bottom by the laterally spaced scores 9, and inner end wall members 10 hingedly secured to the upper edges of the outer end wall members 8 by the folding scores 11. Slots 12 are provided between the hinging scores 9 and the inner wall members have tongue-like portions 13 which engage slots 12 when the end walls are in erected position.

The rear wall 4 has end flaps 14 and the front wall 6 has end flaps 15. The end wall members 8 and 10 have holes 16 which are arranged in aligned relation when the end wall members are in folded position. The end flap members 14 have openings 17 at their inner ends, while the end flap members 15 have openings 18 adjacent their outer ends. It should be noted that the openings 16, 17 and 18 are positioned so that when the structure is erected they are aligned. They are dimensioned to permit the entrance and exit of rodents in the ends of the structure.

The top 19 is hingedly secured at 20 to the upper edge of the rear wall 4 and has a front closure flap 21 hingedly secured thereto by the score 22. The front flap 21 has a slot-like keeper 23 therein adapted to receive the tongue-like latch member 24, which is struck out from, or is an integral part of, the front wall.

In the embodiment illustrated, the receptacle member 25 and the receptacle member 26 are formed as part of the blank, these being severably connected to the ends of the top member 19 by the severing slits 27 and 28, conventionally illustrated in FIG. 5. It will be understood, however, that these members 25 and 26 are removed, as is illustrated in other figures, before the structure is erected, see FIGS. 6 and 7 which illustrate steps in the erecting and also the relation of the parts.

As stated, no rivets or staples are required for effectively holding the parts in erected position. The receptacle and trough members 29 and 30, see FIGS. 2, 8 and 9, are secured in position without the necessity for rivets or gluing, and they serve as bracing members for the parts with which they are connected.

The combined receptacle and trough member 29 is provided with laterally spaced longitudinal scores 31 extending from end to end thereof, which permit its being conformed as is illustrated in FIGS. 2 and 8, and it is provided with tongues 32 and 33 on its ends which engage the slots 34 and 35 in the inner end wall members 10. The inner receptable wall or member 30 is provided with tongues 36 on its ends which engage the slots 37 in the inner end wall members 10 and in the end wall members 14 and 15, the slots in these members being arranged in alignment when the parts are in erected position. The tongues 33 and 36 are of such length that they extend into the slots in these end wall members 10, 14 and 15, resulting in means for locking the parts in erected position. This results in effectively securing the parts in erected position and without the necessity of using staples or the like. However, as stated, one object is to provide means for securing the box to a wall or floor, or to both, and in the embodiment illustrated the bottom is provided with holes 38 and the rear wall with holes 39 adapted to receive nails or screws. In the embodiment illustrated, there is a member 40 provided for securing the bottom to a floor or the like, attaching means being conventionally indicated at 41 in FIG. 1.

With the parts thus arranged in assembled relation, the rodenticide material, not illustrated, is placed in the re-

ceptacle provided by the receptacle members **29** and **30**, and as stated these parts are arranged so that there is an exposed or trough-like portion at the outer side of the receptacle member **30**, see FIG. 2.

The latch member **24** in the front wall is, as stated, engageable with the slot-like keeper **23** when the cover flap **21** is in closed position, and in the embodiment illustrated the cover is retained in closed position by the seal **42**, which is formed of strip material and is inserted through the hole **43** in the keeper **24**. This seal member may be swung to position to hold the cover in closed position as is indicated in FIGS. 1 and 2, or it may be adjusted to the position shown in FIG. 4 to permit the opening of the cover to facilitate the introduction of the rodenticide material or other material, as may be desired. I have not illustrated the particular details for securing the ends of the loop seal member **42** together, this being conventionally shown at **44**, see FIGS. 1 and 4. A padlock may be substituted for the metal seal, the object of the lock or seal being to prevent unauthorized access to the securing nails **38** or **40** to prevent petty theft of the feeder.

In the erected condition of the receptacle, the tongues **13** on the inner end walls project through slits **12** to slightly below the bottom **3**, as is best shown in FIG. 2, to hold the bottom off the floor or ground. The bottom wall **3** curves slightly in upwardly concave shape due to the cover **19** being slightly weakened in the center by slots **12** so that when the box is erected the pull of the front and back walls places a slight bending stress on the bottom by the tongues **32**, **33** and **36**. The concave bottom coacts with the slits **12** for the end wall tongues, and the elevated support of the bottom wall to provide drainage and keep the inside of the bottom dry and more attractive to rodents.

The material is desirably waterproof and this is accomplished by using a waterproof binder and coating between and on the laminations of the stock before the cuts and folding scores have been formed in the blank.

The invention has been illustrated and described in a highly practical embodiment thereof, both from the production and use standpoints. No attempt has been made to describe possible modifications, as it is believed that the disclosure made will enable those skilled in the art to embody or adapt the invention as may be desired.

Having thus described the invention, what is claimed as new and desired to secure by Letters Patent is:

1. A feeding apparatus of the class described comprising a body member of form retaining fiberboard stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edge of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members and having tongues on their outer edges, there being slots at the juncture of said outer end wall members with said bottom with which said tongues may be engaged when the wall members are in erected position, pairs of intermediate end wall members hingedly connected to the ends of said rear wall and to the ends of said front wall and overlappingly and supportedly disposed between said outer and inner end wall members when the carton is erected, said end wall members having rodent openings therein which are in alignment when the end walls are in erected position, said tongues on said outer end wall members when they are engaged in said slots acting to hold said wall members in erected position, a cover hingedly connected to the upper edge of the rear wall and having a closure flap on its front edge disposed in overlapping relation to said front wall and extending from end to end thereof when in closed position, said front wall having a latch member integral therewith and projecting outwardly therefrom when in erected position, said closure flap having a slot therein adapted to receive said latch member when the closure flap is in closed position, the end edges of said cover being in overlapping relation to the end walls when

the cover is in closed position, a receptacle wall and trough member of fiberboard stock having laterally spaced longitudinal scores extending from end to end thereof facilitating its being conformed to provide a receptacle wall member and a trough, said receptacle wall and trough member having tongues on its ends which are supportedly engaged in registering slots provided therefor in said inner and intermediate end wall members and supporting said receptacle wall member and trough above said bottom wall, a second receptacle wall member disposed in inwardly spaced relation to said receptacle and trough member with its lower edge in vertically spaced relation to said trough portion of said receptacle wall and trough member and having tongues on its ends supportedly engaged in slots provided therefor in said inner and intermediate wall members, said tongues on said wall members constituting means for retaining said wall members in erected position with said front and rear walls converged slightly to bow said bottom wall convexly down, and a lock member swingably connected to said latch on said front wall and disposed on the outer side of said cover closure flap, said lock member being adjustable to locking position when the cover is in closed position and being of such length and width as to permit the cover being partially opened to permit placing material in said receptacle, said lock member having a seal at its outer end which constitutes a stop limiting the opening of the cover.

2. A feeding apparatus of the class described comprising a body member of form retaining fiberboard stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members and having tongues on their outer edges, there being slots at the juncture of said outer end wall members with said bottom with which said tongues may be engaged when the wall members are in erected position, pairs of intermediate end wall members hingedly connected to the ends of said rear wall and to the ends of said front wall and overlappingly and supportedly disposed between said outer and inner end wall members when the carton is erected, said end wall members having rodent openings therein which are in alignment when the end walls are in erected position, said tongues on said outer end wall members when they are engaged in said slots acting to hold said wall members in erected position, a cover hingedly connected to the upper edge of the rear wall and having a closure flap on its front edge disposed in overlapping relation to said front wall when in closed position, said front wall having a latch member integral therewith and projecting outwardly therefrom when in erected position, said closure flap having a slot therein adapted to receive said latch member when the closure flap is in closed position, a receptacle wall and trough member of fiberboard stock having laterally spaced longitudinal scores extending from end to end thereof facilitating its being conformed to provide a receptacle wall member and a trough, said receptacle wall and trough member having tongues on its ends which are supportedly engaged in registering slots provided therefor in said inner and intermediate end wall members to support said receptacle wall member and trough above said bottom wall and to converge said front and rear walls to bow said bottom wall downwardly, said tongues on said inner end walls projecting below said bottom wall, a second receptacle wall member disposed in inwardly spaced relation to said receptacle and trough member with its lower edge in vertically spaced relation to said trough portion of said receptacle wall and trough member and having tongues on its ends supportedly engaged in slots provided therefor in said inner and intermediate wall members, said tongues on said wall members constituting means for retaining said wall members in erected position, and a lock member swingably connected

to said tongue on said front wall and disposed on the outer side of said cover closure flap, said lock member being adjustable to locking position when the cover is in closed position and being of such length and width as to permit the cover being partially opened to permit placing material in said receptacle, said lock member having a seal at its outer end which constitutes a stop limiting the opening of the cover.

3. A feeding apparatus of the class described comprising a body member of form-retaining fiberboard stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edge of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members and having tongues on their outer edges, there being slots at the juncture of said outer end wall members with said bottom with which said tongues may be engaged when the wall members are in erected position, pairs of intermediate end wall members hingedly connected to the ends of said rear wall and to the ends of said front wall and overlappingly and supportedly disposed between said outer and inner end wall members when the carton is erected, said end wall members having rodent openings therein which are in alignment when the end walls are in erected position, said tongues on said outer end wall members when they are engaged in said slots acting to hold said wall members in erected position, a cover hingedly connected to the upper edge of the rear wall and having a closure flap on its front edge disposed in overlapping relation to said front wall when in closed position, said front wall having a latch member integral therewith and projecting outwardly therefrom when in erected position, said closure flap having a slot therein adapted to receive said latch member when the closure flap is in closed position, a receptacle wall and trough member of fiberboard stock having laterally spaced longitudinal scores extending from end to end thereof facilitating its being conformed to provide a receptacle wall member and a trough, said receptacle wall and trough member having tongues on its ends which are supportedly engaged in registering slots provided therefor in said inner and intermediate end wall members to support said receptacle wall member and trough above said bottom wall and to converge said front and rear walls to bow said bottom wall downwardly, said tongues on said inner end walls projecting below said bottom wall, and a second receptacle wall member disposed in inwardly spaced relation to said receptacle and trough member with its lower edge in vertically spaced relation to said trough portion of said receptacle wall and trough member and having tongues on its ends supportedly engaged in slots provided therefor in said inner and intermediate wall members, said tongues on said wall members constituting means for retaining said wall members in erected position.

4. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edge of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members, pairs of intermediate end wall members hingedly connected to the ends of said rear wall and to the ends of said front wall supportedly disposed between said outer and inner end wall members when the body member is erected, said end wall members having rodent openings therein which are in alignment when the end walls are in erected position, a cover hingedly connected to the upper edge of the rear wall and having a closure flap on its front edge, said front wall having a latch member, said closure flap having a slot therein adapted to receive said latch member when the closure flap is in closed position, a receptacle wall and trough member, a second receptacle wall member disposed in inwardly and vertically spaced relation to said receptacle and trough member with its lower edge in vertically spaced relation to said trough portion of said receptacle wall and trough member, said receptacle members having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate wall members and constituting means for retaining said wall members in erected position, a lock member connected to said front wall and disposed through an opening provided therefor in said latch on the outside of said cover closure flap, said lock member being adjustable to locking position when the cover is in closed position and to permit the cover being partially opened to permit placing material in said receptacle, and means accessible only from within the body member for securing said body member to a support.

5. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edge of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members, intermediate end wall members hingedly connected to the ends of said rear wall and supportedly disposed between said outer and inner end wall members when the body member is erected, said end wall members having rodent openings therein which are in alignment when the end walls are in erected position, a cover hingedly connected to the upper edge of the rear wall and having a closure flap on its front edge, said front wall having a latch member, said closure flap having a slot therein adapted to receive said latch member when the closure flap is in closed position, a receptacle wall and trough member, a second receptacle wall member disposed in inwardly and vertically spaced relation to said receptacle and trough member with its lower edge in vertically spaced relation to said trough portion of said receptacle wall and trough member, said receptacle members having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate wall members and constituting means for retaining said wall members in erected position, and a lock member connected to said front wall and disposed through an opening provided therefor in said latch on the outer side of said cover closure flap, said lock member being adjustable to latching position when the cover is in closed position and to permit the cover being partially opened to permit placing material in said receptacle.

6. An apparatus of the class described comprising a bottom, rear and front walls connected to the rear and front edge of the bottom, outer end walls connected to the end edge of the bottom, inner end walls connected to the upper edges of the outer end wall members, overlapping intermediate end wall members connected to the ends of the rear and front walls and disposed in overlapping relation between said outer and inner wall members when the carton is erected, said end wall members having aligned rodent openings therein, a cover connected to the upper edge of the rear wall and having a closure flap on its front edge engageable with a keeper provided therefor on said front wall, a receptacle wall and trough member disposed with the upper edge of its wall portion adjacent the front wall, a second receptacle member disposed in inwardly spaced relation to the receptacle portion of said first wall portion with its lower edge in spaced relation to the trough portion thereof, said receptacle member and trough members having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate wall members and constituting means for retaining the wall members in erected position, a cover hingedly connected to the rear wall, and cover latch means adapted to retain said cover in closed position and permitting the cover being opened to a degree and supported in position for placing of material in said receptacle, said latch means including a seal means and means accessible only within the body member for securing the body member to a support.

7. An apparatus of the class described comprising a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end walls connected to the end edges of the bottom, inner end wall members connected to the upper edges of the outer end walls, overlapping intermediate end wall members connected to the ends of the front walls and disposed in lapping relation between said outer end walls and inner wall members when the carton is erected, said outer end walls and end wall members having aligned rodent openings therein, a cover connected to the upper edge of the rear wall and having a closure flap on its front edge engageable with a keeper provided therefor on said front wall, a receptacle wall and trough member disposed with the upper edge of its wall portion adjacent the front wall, and a second receptacle member disposed in inwardly spaced relation to the receptacle portion of said first wall portion with its lower edge in spaced relation to the trough portion thereof, said receptacle member and trough members having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate wall members and constituting means for retaining the wall members in erected position, and means for locking said closure flap to said keeper.

8. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end walls connected to the ends of the bottom and having inner end wall members connected to their upper edges, intermediate end wall members connected to the ends of said rear and front walls and supportedly disposed in overlapping relation between said outer and inner end wall members when the body member is erected, said end wall members having rodent openings therein which are aligned when the end wall members are in erected position, a cover hingedly connected to the rear wall, a first receptacle member having a wall portion disposed on the inner side of the front wall and having an inwardly projecting upwardly facing trough portion, a second receptacle member disposed above and with its lower edge in spaced relation to the bottom of the trough portion of said first receptacle member, said receptacle members having their end edges in thrust supporting engagement with said inner end wall members and having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate end wall members and constituting means for maintaining said wall members in erected position, a latch member adjustably connected to said front wall and with which said cover is adjustably engaged, said latch member being positionable to maintain said cover in closed position and to permit the cover being partially opened to provide access to said receptacle while preventing full opening of the cover, and means accessible only from within the body member for securing it to a support.

9. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end walls connected to the ends of the bottom and having inner end wall members connected to their upper edges, intermediate end wall members connected to the ends of said rear and front walls and supportedly disposed in overlapping relation between said outer and inner end wall members when the body member is erected, said end wall members having rodent openings therein which are aligned when the end wall members are in erected position, a cover hingedly connected to the rear wall, a first receptacle member having a wall portion disposed on the inner side of the front wall and having an inwardly projecting upwardly facing trough portion, a second receptacle member disposed above and with its lower edge in spaced relation to the bottom of the trough portion of said first receptacle member, said receptacle members having their end edges in thrust supporting engagement with said inner end wall members and having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate end wall members and constituting means for maintaining said wall members in erected position, and a latch member adjustably connected to said front wall and with which said cover is adjustably engaged, said latch member being positionable to maintain said cover in closed position and to permit the cover being partially opened to provide access to said receptacle while preventing full opening of the cover.

10. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members, intermediate end wall members connected to the ends of said rear wall and to the ends of said front wall supportedly disposed in overlapping relation to each other between said outer and inner end wall members when the carton is erected, the overlapping end wall members having rodent openings therein which are in alignment when the end wall members are in erected position, a cover member connected to the upper edge of the rear wall, a first receptacle wall and trough member, a second receptacle wall member disposed above the trough portion of said first member with its lower edge in spaced relation to said trough portion thereof, said receptacle wall members having tongues on their ends supportedly engaged in slots in said inner and intermediate wall members and constituting means for retaining said wall members in erected position, a latch member connected to said front wall and disposed through a slot provided therefor in said cover member, said latch member being adapted to receive a lock adjustable to locking position when the cover is in closed position while permitting the cover being partially opened to permit placing material in said receptacle, and means accessible only from within the body member for securing said body member to a support.

11. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members, intermediate end wall members connected to the ends of said rear wall and to the ends of said front wall supportedly disposed in overlapping relation to each other between said outer and inner end wall members when the carton is erected, the overlapping end wall members having rodent openings therein which are in alignment when the end wall members are in erected position, a cover member connected to the upper edge of the rear wall, a first receptacle wall and trough member, a second receptacle wall member disposed above the trough portion of said first member with its lower edge in spaced relation to said trough portion thereof, said receptacle wall members having tongues on their ends supportedly engaged in slots in said inner and intermediate wall members and constituting means for retaining said wall members in erected position, and a latch member connected to said front wall and disposed through a slot provided therefor in said cover member, said latch member being adapted to receive a lock adjustable to locking position when the cover is in closed position while permitting the cover being partially opened to permit placing material in said receptacle.

12. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front walls connected to the rear and front edges of the bottom, outer end wall members connected to the end edges of the bottom, inner end wall members connected to the upper edges of said outer end wall members, intermediate end wall members con-

nected to the ends of said rear wall and to the ends of said front wall supportedly disposed in overlapping relation to each other between said outer and inner end wall members when the carton is erected, the overlapping end wall members having rodent openings therein which are in alignment when the end wall members are in erected position, a cover member connected to the upper edge of the rear wall, a first receptacle wall and trough member, and a second receptacle wall member disposed above the trough portion of said first member with its lower edge in spaced relation to said trough portion thereof, said receptacle wall members having tongues on their ends supportedly engaged in slots in said inner and intermediate wall members and constituting means for retaining said wall members in erected position.

13. An apparatus of the class described comprising bottom, rear, front and end walls forming a body member, said walls having rodent openings therein, a cover hingedly connected to the upper edge of the rear wall and having a closure flap on its front edge detachably engageable with a keeper provided therefore on said front wall, a first receptacle wall and trough member disposed with the upper edge of the wall portion thereof adjacent the front wall, a second receptacle wall member disposed in inwardly spaced relation to the receptacle wall portion of said first wall member and with its rear edge in vertically spaced relation to the trough portion thereof, said receptacle members constituting struts for said wall members, cover latch means adjustably positionable to retain the cover in closed position and to support it in a partially opened position permitting placing of feed material in said receptacle, said latch means including a tap projecting outwardly from said front wall having a hole therein, a seal means which is looped through said hole and passes frictionally through a slot in said closure flap for alternatively supporting said cover in partially open position, or in retained closed position and means accessible only within the body member for securing it to a support.

14. A feeding apparatus of the class described comprising a body member of form-retaining stock cut and scored to provide a bottom, rear and front wall connected to the rear and front edges of the bottom, outer end walls connetced to the ends of the bottom and having inner end wall members connected to their upper edges, intermediate end wall members connected to the ends of said rear and front walls and supportedly disposed between said outer and inner end wall members when the body member is erected, said end wall members having rodent openings therein which are aligned when the end wall members are in erected position, a cover hingedly connected to the rear wall, a first receptacle member having a wall portion disposed on the inner side of the front wall and having an inwardly projecting upwardly facing trough portion, a second receptacle member disposed above and with its lower edge in spaced relation to the bottom of the trough portion of said first receptacle member, said receptacle members having their end edges in thrust supporting engagement with said inner end wall members and having tongues on their ends supportedly engaged in slots provided therefor in said inner and intermediate end wall members and constituting means for maintaining said wall members in erected position and a latch member adjustably connected to said front wall and with which said cover is adjustably engaged, said latch member being positionable to maintain said cover in closed position and to permit the cover being partially opened to provide access to said receptacle while preventing full opening of the cover.

References Cited by the Examiner

UNITED STATES PATENTS

1,135,588	4/1915	Kendrick	229—45
1,607,865	11/1926	Butler	229—43
1,994,318	3/1935	Loth	229—45 X
2,299,723	10/1942	Allbright	43—131
2,511,550	6/1950	Simms	229—6
2,532,681	12/1950	Stover	43—131
2,672,979	3/1954	Ross	229—11 X
2,944,364	7/1960	Kelly	43—131
2,964,871	12/1960	Hoffman	43—131
3,015,184	1/1962	Scott et al.	43—131
3,025,630	3/1962	Silvey	43—121

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