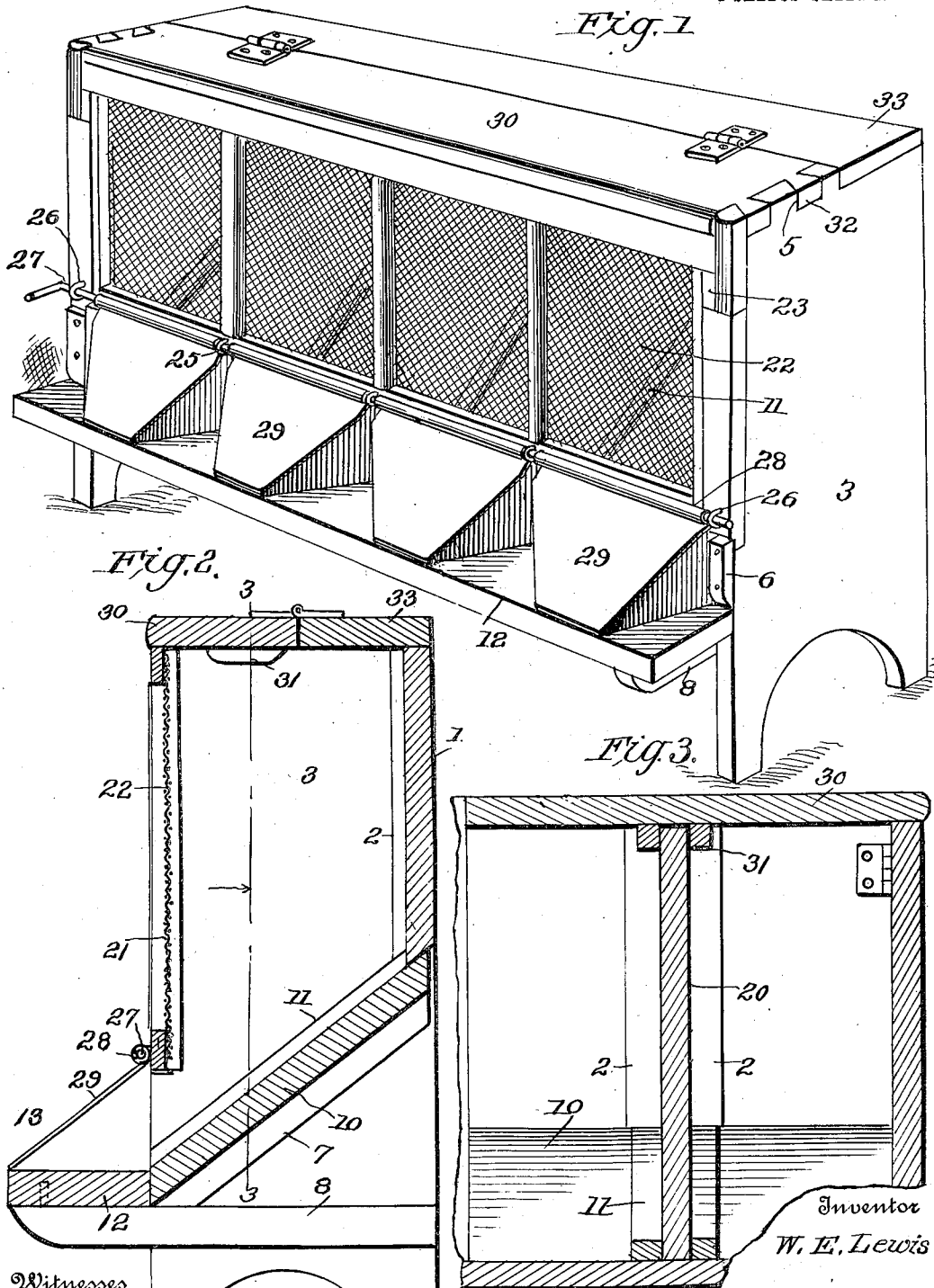


W. E. LEWIS.
GROCER'S CABINET.
APPLICATION FILED JUNE 12, 1911.

1,022,685.

Patented Apr. 9, 1912.

2 SHEETS—SHEET 1.



Witnesses
W. K. Woodson
James H. Fallon.

By

W. E. Lewis

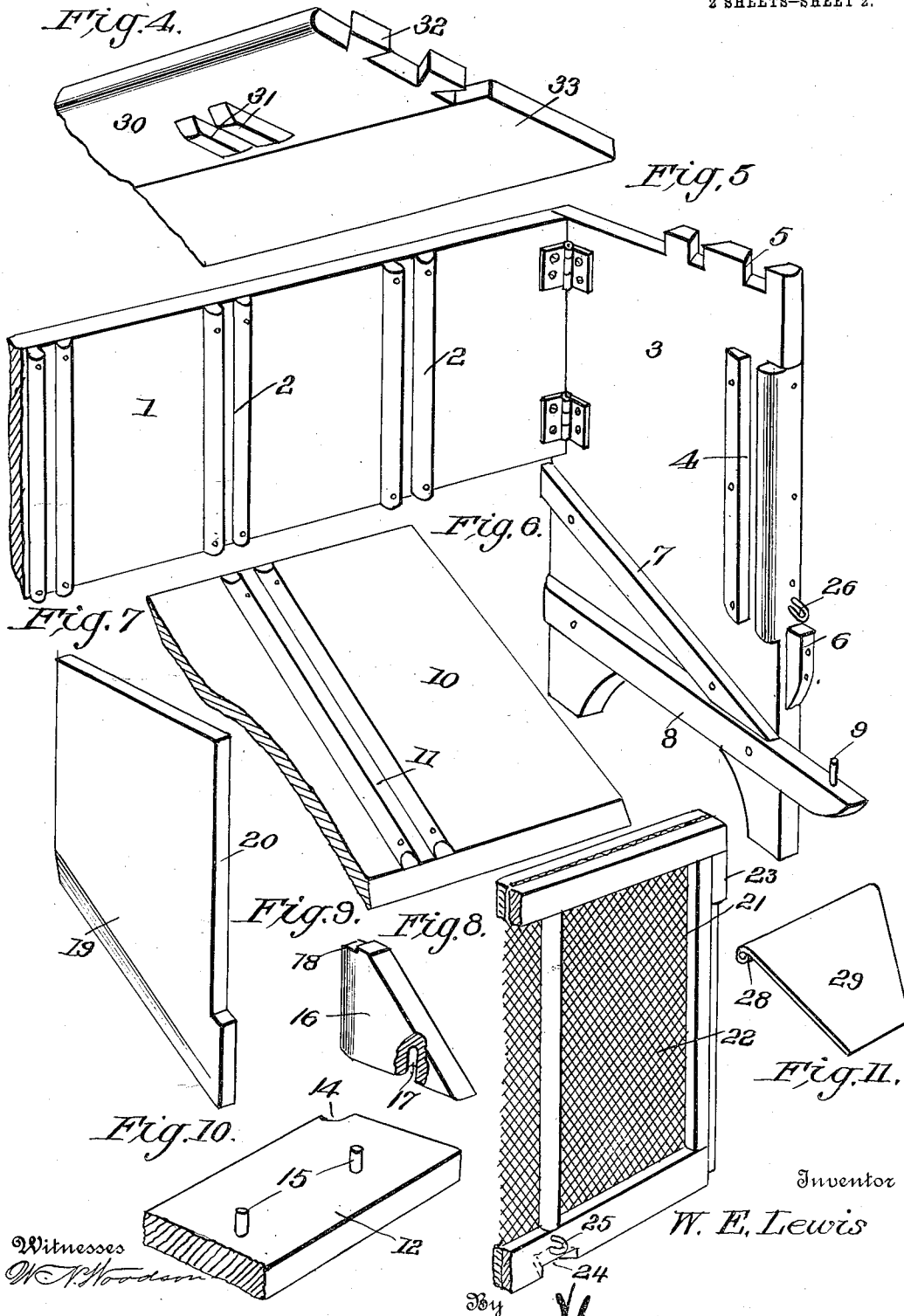
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UNITED STATES PATENT OFFICE.

WELDON ELI LEWIS, OF HOT SPRINGS, ARKANSAS.

GROCER'S CABINET.

1,022,685.

Specification of Letters Patent.

Patented Apr. 9, 1912.

Application filed June 12, 1911. Serial No. 632,724.

To all whom it may concern:

Be it known that I, WELDON E. LEWIS, citizen of the United States, residing at Hot Springs, in the county of Garland and State of Arkansas, have invented certain new and useful Improvements in Grocers' Cabinets, of which the following is a specification.

This invention has relation to grocers' cabinets, and has for its object to provide a cabinet of simple structure especially adapted to be used for containing potatoes, onions, turnips, apples and the like in such manner that the said commodities may be easily and quickly dispensed.

A further object of the invention is to provide a structure of the character indicated the parts of which may be readily disassembled or knocked down in order that the parts may be compactly assembled for transportation and other purposes.

With this object in view the structure includes a back piece provided with suitable cleats and to which is hingedly attached end standards also provided with cleats. A bottom piece is supported by the end standards and is held down by the back piece and a front piece which is also provided. A shelf member is detachably mounted upon the end standards and partitions are detachably mounted upon the said shelf member. A series of gates is hingedly mounted upon the front piece and the end standards and each gate is adapted to close the passageway between adjacent partitions mounted upon the said shelf member.

In the accompanying drawings: Figure 1 is a perspective view of the cabinet set up; Fig. 2 is a transverse sectional view of the same; Fig. 3 is a vertical sectional view of a portion the same cut on the line 3—3 of Fig. 2; Fig. 4 is a perspective view of an end portion of the top of the cabinet; Fig. 5 is a perspective view of one of the end standards and a portion of the back thereof; Fig. 6 is a perspective view of a portion of the bottom piece of the cabinet; Fig. 7 is a perspective view of a partition used within the body of the cabinet; Fig. 8 is a perspective view of a portion of the front piece of the cabinet; Fig. 9 is a perspective view, with part broken away, of one of the partitions used upon the shelf member of the cabinet; Fig. 10 is a perspective view of a portion of the shelf member of the cabinet; Fig. 11 is a perspective view of one of the hinged gates used upon the cabinet.

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

The cabinet includes a back piece 1 which is provided at intervals with vertically disposed spaced cleats 2. Standards 3 are hingedly connected at their rear edges to the ends of the back piece 1 and at their lower portions project some distance below the lower edge of the back piece 1. The standards 3 are provided upon their inner sides and in the vicinity of their forward edges with vertically disposed spaced cleats 4 and the said standards are provided at their upper edges and in the vicinity of their forward edges with mortises 5 which have side walls that converge toward each other at the inner sides of the said standards. Cleats 6 are fixed to the forward edges of the standards 3 in the vicinity of the lower ends thereof. Inclined cleats 7 are secured to the inner surfaces of the standards 3 and at their upper ends are spaced from the lower edge of the back piece 1 and have their forward ends flush with the forward edges of the said standards 3. Cleats 8 are also attached to the inner surfaces of the standards 3 and at their forward portions project to some extent beyond the forward edges of the said standards. The cleats 8 are provided in the vicinity of their forward ends with upstanding pins 9.

A bottom piece 10 is adapted to rest upon the cleats 7 with its rear edge portion inserted under the lower edge of the back piece 1 and its forward edge flush with the forward edges of the standards 3. The bottom piece 10 is provided upon its upper surface with spaced cleats 11 which are adapted to register with the cleats 2 carried by the back piece 1. A shelf member 12 is adapted to rest upon the projecting end portions of the cleats 8 and is provided in its under side with apertures 13 adapted to receive the pins 9. The shelf member 12 is notched at its rear corners as at 14 and the said notches are adapted to receive the lower forward edge portions of the standards 3. The shelf piece 12 is provided upon its upper side with a series of upstanding pins 15. Partition members 16 are mounted upon the shelf member 12 and are provided at their lower edges with cleats 17 which receive the pins 15. The terminal partition members 16 bear at their outer sides against the inner

sides of the cleats 6 carried by the standards 3, while the intermediate partition members 16 converge at their rear portions toward each other and are secured together as will be explained hereinafter.

The partition members 16 are provided at their upper rear edges with notches 18. Partitions 19 are adapted to be positioned within the side walls of the cabinet and the rear edge portions of the said partitions 19 are received between the cleats 2 of the back piece 1 and the lower edge portions of the said partitions are adapted to be received between the cleats 11 upon the bottom piece 10. The forward vertical edge portions of the partitions 19 are notched out as at 20.

A front panel 21 is provided and this panel is provided at intervals with openings which are covered by screens 22 or their equivalent, such for instance as glass or other transparencies. The front panel 21 is adapted to pass at its ends between the cleats 4 at the end standards 3 of the cabinet and when so positioned blocks 23 carried at the upper end portions of the said panel 21 rest against the upper ends of the forward cleats 4. When so positioned the lower edge of the panel 21 rests upon the shoulders formed at the lower ends of the notched out portions 20 of the partitions 19. The panel member 21 is provided at its lower edge with recesses 24 and the terminal recesses receive the inner edge portions of the terminal partitions 16 and hold the same in close contact with the cleats 6, while the intermediate recesses 24 receive the inner edge portions of the converging intermediate partitions 16 and hold them in proper positions against the lower forward edge portions of the partitions 19.

Outstanding staples 25 are secured to the lower portion of the panel member 21 above the recesses 24, and outstanding staples 26 are mounted at the forward edges of the end standards 3 above the cleats 6. The staples 25 and 26 are in horizontal alinement with each other when the parts of the cabinet are set up. A rod 27 is passed through the staples 25 and 26 and at intervals between the said staples the curled portions 28 of gates 29 are hinged upon the said rods in a manner so that each gate will control one of the passageways between the adjacent partitions 16 mounted upon the shelf member 12.

A top piece 30 is provided upon its under side with cleats 31 which receive between them the upper edge portions of the partitions 19. The top piece 30 is provided at its ends with tenons 32 which are adapted to fit snugly in the mortises 5 at the upper ends of the end standards 3 and inasmuch as the said mortises have converging side walls a dovetailed joint is effected between the top

piece 30 and the end standards 3. Thus when the top piece 30 is in position the end standards 3 can have no swinging movement with relation to the back piece 1. A section 33 is hingedly connected with the rear edge portion of the top piece 30 and is adapted to close the rear portion of the cabinet. By this arrangement it will be seen that the parts may be effectually secured together in set up positions without the use of permanently fixed securing devices and that when it is desired to transport the cabinet the parts may be disassembled or knocked down and folded up and piled upon each other in compact form.

In use the top section 33 is swung up and the goods are inserted between the side walls of the cabinet into the several compartments formed therein between the end standards and the body partitions 19. The articles thus deposited in the compartments will roll down along the inclined bottom piece 10 toward the gates 29 and between the partitions 16 located upon the shelf member 12. The gates 29 when closed down against the upper edges of the partitions 16 will hold the articles back, but as soon as the gate members 29 are swung up the articles may roll through the passageways between the partitions 16 and over the edge of the shelf member 12 into the tray of a scale or other receptacle.

It is to be understood that the size and proportions of the cabinet may be varied as desired to accommodate the same for storing and dispensing larger bodies as first mentioned herein, or the proportions of the cabinet may be reduced so that it is adapted to handle small grains, as for instance, rice, corn, meal, coffee, crackers, et cetera.

It will be seen that when the parts are in set up positions the inner edge portions of the partitions 16 are restrained against horizontal swinging movement by the recesses 24 provided at the lower edge of the front panel 21 and that the bottom member 10 is restrained against forward movement by the rear edge of the shelf member 12 and that the said bottom piece 10 is held against upward movement by the partitions 19 which in turn are held against upward movement by the top piece 30. Therefore all of the parts of the cabinet when they are in set up position are effectually braced against each other and cooperate in bracing the entire structure and holding the members thereof in proper relation.

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

1. A dispensing cabinet comprising a back piece, end standards hingedly attached thereto and carrying at their forward edges vertically disposed cleats and upon their inner sides inclined cleats, said end standards having at their upper edges mortises

with converging walls, cleats attached to the end standards and projecting beyond the forward edges thereof, a bottom piece adapted to rest upon the inclined cleats of the end standards with its rear end portion under the lower edge of the back piece, a shelf member mounted upon the projecting end portions of the cleats carried by the end standards and having its rear edge abutting against the forward edge of the bottom piece, partitions mounted upon the shelf member, a front panel slidably mounted in the vertically disposed cleats upon the end standards, and a top piece having at its end tenons adapted to fit snugly within the said mortises and provided with a hinged section.

2. A dispensing cabinet comprising a back piece having vertically disposed spaced cleats, end standards hingedly attached to the ends of the back piece and having at their forward edges vertically disposed spaced cleats, said end standards also having inclined cleats and cleats the forward portions of which project beyond the forward edges of the said standards, said end standards having at their upper edges mortises provided with converging side walls, a bottom piece adapted to rest upon the inclined cleats carried by the end standards with its rear edge under the lower edge of the back piece, said bottom piece having upon its upper side spaced cleats which register with the spaced cleats carried by the back piece, a shelf member mounted upon the projecting end portions of the cleats carried by the end standards, partitions mounted upon

the said shelf member, a front panel having at its lower edge recesses which receive the rear end portions of the said shelf partitions, said front panel having its ends slidably received between the cleats at the forward edge portions of the standards, a top piece having tenons which fit snugly within the mortises and having upon its under side spaced cleats which receive the upper portions of the first mentioned partitions, said top piece also having a hinged section.

3. A dispensing cabinet comprising top, bottom and back pieces, end standards supporting said pieces, said end standards having in the vicinity of their forward edges vertically disposed spaced cleats and provided with horizontally disposed cleats having forwardly projecting edge portions, a shelf member mounted upon the projecting portions of the horizontal cleats, partitions mounted upon the shelf member, a panel member slidably mounted in the cleats at the forward edge of the end standards and having notches at its lower edge which receive the rear edges of the shelf partitions, aligned staples carried by the panel member and the end standards, a rod passing through said staples, and gates hingedly mounted upon the rods and adapted to lie upon the upper edges of the shelf partitions.

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

WELDON ELI LEWIS. [L. S.]

Witnesses:

EDW. W. HARDIN,
WM. G. BOUIC.