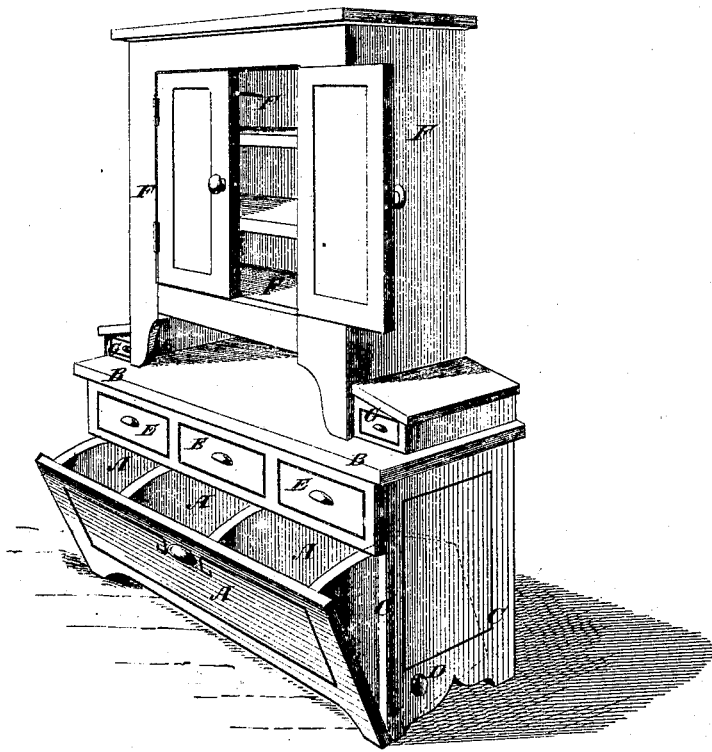


*W. B. Smith,*

*Meal Bin.*

*No. 108403.*

*Patented Oct. 18. 1870.*



*Witnesses.*

*Justus Dietrich  
L. S. Moore*

*Inventor*

*Wm B Smith*

*per*

*Munn & Co*

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# United States Patent Office.

WILLIAM B. SMITH, OF OSKALOOSA, IOWA.

Letters Patent No. 108,403, dated October 18, 1870.

## IMPROVEMENT IN MEAL-CHESTS OR BINS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, WILLIAM B. SMITH, of Oskaloosa, in the county of Mahaska and State of Iowa, have invented a new and useful Improvement in Meal-Chest or Bin; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

The figure is a perspective view of my improved meal-chest or bin.

My invention relates to an apparatus for house-keepers or grocery stores, for the more convenient arrangement and disposition of meal, sugar, coffee, spices, and other articles.

I will first describe my invention in connection with all that is necessary to a full understanding thereof, and then clearly point it out in the claim.

A represents a series of bins, placed beneath a shelf or counter, B, or in the lower part of a cupboard.

The boxes or bins A are pivoted, at the lower part of their ends, to the supports C of the shelf or counter B, or to the sides of the lower part of the cupboard, by bolts D.

The upper edges of the ends of the boxes or bins A are rounded off, as shown in the figure, and have a shoulder formed upon them, as shown in dotted lines in the figure, to serve as stops, to prevent the said boxes or bins from being opened up too far. The

lower parts of the front edges of the supports C are beveled or rounded off, as shown in the figure, to allow the boxes or bins to be opened freely. The boxes or bins A are so balanced upon their pivoting-bolts D that the weight of the substances within them will hold them securely in place, whether opened or shut.

E is a row of drawers, placed beneath the shelf or counter B, and above the boxes or bins A, as shown in the figure.

F represents a series of shelves, or the upper part of the cupboard, placed above and connected with the counter B.

When the upper part F is made narrower than the lower part, small drawers, G, may be placed at the sides of the said part F, upon the said shelf or counter B, as shown in the figure.

It should be observed that two of the bins or boxes A may be placed one upon each side of a support, C, and may be both pivoted to said support by the same bolt.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The pivoted bins A D, drawers E G, and counter B, constructed and arranged together, as and for the purpose described.

WM. B. SMITH.

Witnesses:

J. M. LOUGHRIDGE,  
REZIN SMITH.