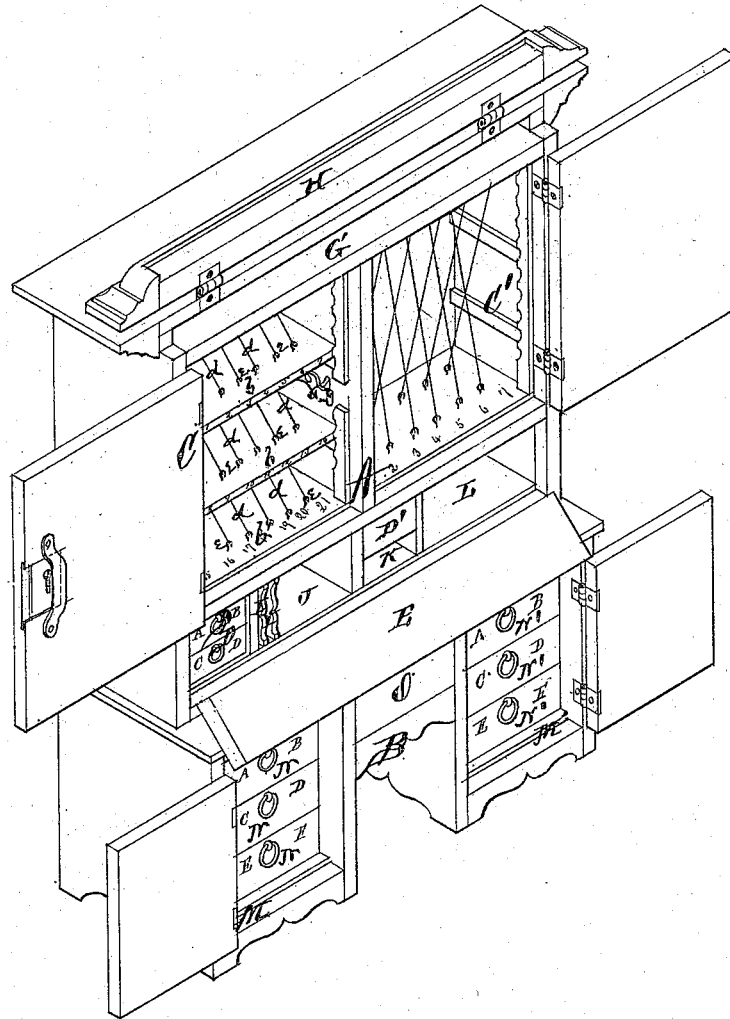


P. T. VANNICE.  
BOOKCASE FOR SCHOOLS, &c.

No. 110,941.

Patented Jan. 10, 1871.



Witnesses  
Jno. A. Ellis  
Geo. White.

Inventor  
P. T. Vannice  
Per.  
T. J. Alexander  
Att'y

# United States Patent Office.

PETER T. VANNICE, OF KEWANEE, ILLINOIS.

Letters Patent No. 110,941, dated January 10, 1871.

## IMPROVEMENT IN BOOK-CASES FOR SCHOOLS, &c.

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, PETER T. VANNICE, of Kewanee, in the county of Henry and State of Illinois, have invented certain new and useful Improvements in Book-Cases for Schools, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The object of my invention is to create a mechanical structure or organization for the purpose of holding text-books or library of any school, as well as such other articles as are most generally used in our common graded schools, and which structure I have called a "safe for graded schools."

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of my device.

My safe is composed of two parts—the upper part A and the lower part B. This latter part is deeper than the upper part, and all the doors in the entire safe close on a line with the frame, and close with a spring-clasp or bolt, one of which is shown at *a*.

The left-hand apartment C in the upper part is designed for text-books, and is provided with shelves *b b*, which are divided into stalls or divisions by means of cords, *d d*, or tape crossing in the center.

These shelves are to be raised or lowered, to suit the dimensions of any-sized books, by simply loosening the cord or tape, and making the desired adjustment.

The stalls may also be readily changed narrower or wider, thereby adapting the size of the stall to the thickness of any volume.

This latter change is made by loosening the cord and turning the screw-eyes *ee*, which support the cord network of the separations, and placing them in any other line situated to suit the size of any volume.

Each stall is numbered on the edge of the shelf, and each book has a corresponding number.

Printed checks are also used for the different grades of classes in the school—generally six, lettered from A to F—each check bearing the name of an individual in such class on the back, and, when a book is taken out, the check put in its place will show who has the book and what class such individual belongs to.

These checks are kept in drawers D D, underneath the compartment C, access to said drawers being gained by opening the drop-door E, which runs along the entire lower end of the upper part A, and, resting on the lower part B, serves as a writing-desk.

On the right-hand side of the upper part A, is another similar compartment, C', intended for the school literary library, stalled and numbered in the same manner as the former.

A small drawer, D', under this compartment is for the purpose of holding the checks to be used in the same manner as above described for the text-book checks, except that no distinction is made on account of classes.

Above the compartments C C' is a long compartment, G, for maps, said compartment being closed by a molding trap-door, H, to be held by the doors to the compartments C C'.

Under these compartments are, on the left side, as already mentioned, the drawers D D; then come two places, I I, for school-register and blank-book of records. Next comes a space, J, for a large globe; then a space, K, for the unabridged school dictionary, above which latter space is the drawer D', leaving a large space, L, to the right for the deposit of any other school apparatus.

In the lower part B of my safe, on the left side, is a compartment, M, having three drawers, N N, lettered for the six classes, to contain the slates; that is, each drawer is divided in two, and has two letters answering for two classes.

On the right side is a similar compartment, M', with divided and lettered drawers for writing-books.

Each slate and writing-book is numbered, and, when one is taken out, a check is deposited in its place, the same as described for the text-books, so that the teacher can at any time see how many of the school-books, &c., are out, and in whose hands they are.

Another drawer, O, at the center is for chalk, ink, pens, rubbers, and other sundries of a school-room.

The advantages of this safe will be readily appreciated by all teachers of our public schools.

Having thus fully described my invention,

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

1. The shelves *b b*, divided into stalls or divisions by cords or tapes *d d*, all arranged to operate as set forth.

2. A book-case for schools, arranged with shelves *b b*, cords *d d*, drawers D D N N O, compartments C C' G M M', and drop-door E, receptacles J K L, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PETER T. VANNICE.

Witnesses:

R. F. BAILEY,  
A. H. CHAFFEE.