

D. BARCLAY.
SHOW CASE DOOR.

No. 27,957.

Patented Apr. 24, 1860.

Fig. 1.

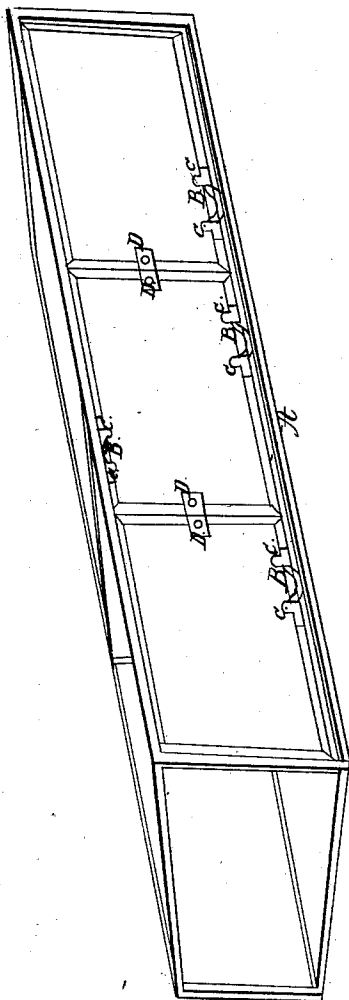


Fig. 4.

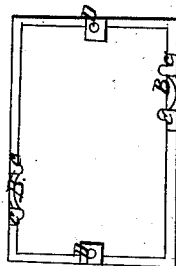


Fig. 3.



Fig. 2.



Witnesses:
Thos. Moffet
Franklin Chambeck

Inventor:
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UNITED STATES PATENT OFFICE.

DANIEL BARCLAY, OF CHICAGO, ILLINOIS.

SHOW-CASE DOOR.

Specification of Letters Patent No. 27,957, dated April 24, 1860.

To all whom it may concern:

Be it known that I, DANIEL BARCLAY, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Mode of Arranging the Backs or Doors of Show-Cases; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

The nature of my invention consists in making a groove around the back part of a show case frame, wide enough to allow one door to pass another. Each door is supplied with a spring of sufficient power to keep it in its place when shut, thereby obviating the numerous inconveniences arising from the old method of hinging doors at the bottom.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

By referring to the accompanying drawings, of which Figure 1, is a perspective view of show case; Fig. 2, the spring; Fig. 3, end view of box, and Fig. 4, the middle door; it will be perceived that I make a groove A, around the back frame of the case, wherein the doors slide. To each of the doors I attach the spring B, having a slot in each end, as shown in Fig. 2, which works

in the boxes C, that have a pin passing through them, as shown in Fig. 3. Previous to this pin being fastened, it is passed through the slot in the end of the spring, when the boxes and springs are attached to doors, and all is placed in the groove made to receive them. The springs thus arranged press against the back of the groove, and force the doors forward so that they are flush in the front. When it is required to open the door, the finger has but to be placed in the hollow D, and pulled gently, when the door slides along the groove, behind the others, the slots in each end of the springs allowing the pressure of the passing door to press them flat; and on being pushed back, the springs recover their original position and keep the doors in place as aforesaid. The middle door, to prevent its falling back at the top, is provided with two springs as shown at Fig. 4.

What I claim as my invention and wish to secure by Letters Patent is—

The within described construction of groove spring and box, the whole being combined arranged and operating in the manner and for the purpose specified.

DANIEL BARCLAY.

Witnesses:

THOS. MOFFET,
FRANKLIN THAMBOOK.