(No Model.)

C. CREGMILE.

EXTENSION DOOR FOR HOLLAND CASES.

No. 330,380. Patented Nov. 17, 1885.

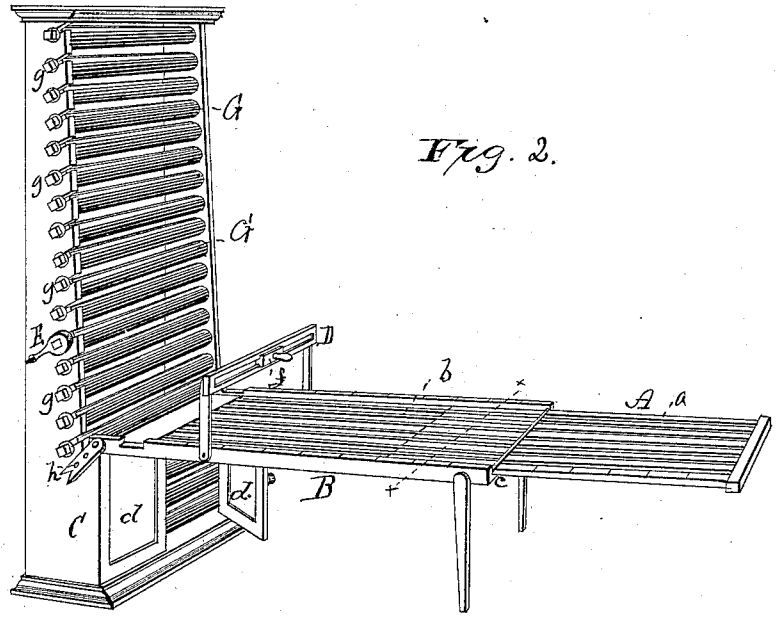


Fig. 2.

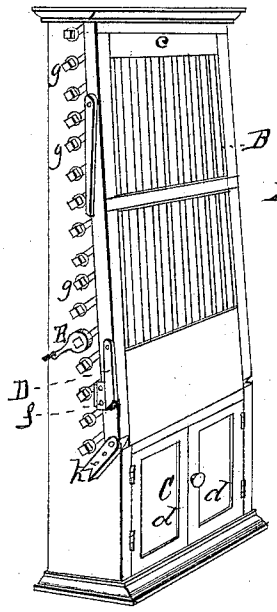


Fig. 1.

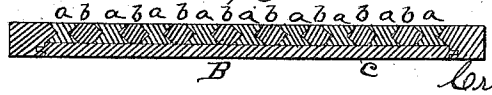
WITNESSES

R. A. Clark.

J. S. Brown.

INVENTOR

Fig. 3.



Crittenden Cregmile,
By J. B. Lawyer, Atty.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CRITTENDEN CREGMILE, OF DELAWARE, OHIO, ASSIGNOR OF ONE-HALF TO EDWARD E. NEFF, OF SAME PLACE.

EXTENSION-DOOR FOR HOLLAND-CASES.

SPECIFICATION forming part of Letters Patent No. 330,380, dated November 17, 1885.

Application filed February 15, 1884. Serial No. 120,874. (No model.)

To all whom it may concern:

Be it known that I, CRITTENDEN CREGMILE, a citizen of the United States, residing at Delaware, in the county of Delaware and State of Ohio, have invented certain new and useful Improvements in Extension-Doors for Holland-Cases; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of a holland-case constructed with my improvement; Fig. 2, a perspective view of the same, with the door let down and extended according to my improvement; Fig. 3, a cross-section of the extension-slats on the line *x x*, Fig. 2.

Like letters designate corresponding parts in all of the figures.

My invention is applied to cases for holding rolls of holland or other window-shade material or table oil-cloths, such as patented to me on the 12th day of December, 1882, No. 269,158. In the said Letters Patent I have described the door as being hinged at the lower end, so as to let down and be suitably supported in a horizontal position, and provided with a cutting-off knife, whereby the holland may be held for measuring off and be cut squarely across the web.

In the accompanying drawings, I also show the swinging frame D of the knife-slide *f*, corresponding with the same parts in the said Letters Patent. I also show a crank or winch, E, to be applied to the squared ends *g g* of rolls G G on which the holland or shade material is wound, for readily rolling up the material after being drawn out, the same as in the said Letters Patent. The door B is represented as hinged or pivoted at its lower end to hinge-pieces or pivot-blocks *h h*, attached to the sides of the case.

My present invention consists of an extension in the upper or swinging end of the door, B, arranged to slide into the door out of the way when the door is to be shut, as shown in Fig. 1, and to be drawn out when the door is let down, and to be used as a cutting-off table, as shown in Fig. 2. The entire extension A may be nearly as long as the door is high, so that the two together may furnish a sufficient length for holding a long shade spread out, even when the case is not of extraordinary height.

Various ways may be employed for constructing the extension so that it will fit well and slide freely in the door, be nearly flush with its inner or upper surface, be firmly held therein when extended, so as not to sag below a horizontal position, and be sufficiently thin and light. I prefer the construction shown in Fig. 3, in which the extension is made of a series of slats, *a a*, with spaces between them, into which slats *b b* of the door fit when the extension is slid into the door. The extension-slats *a* have V-shaped or equivalent form of grooves to fit over edges of corresponding shape on the door-slats *b b*, or the grooves may be in the door-slats and the projecting forms on the edges of the extension-slats. The outer ends are connected and kept in place by a cross-rail or batten, *c*. This construction enables the upper surface of both the door and extension slats to be flush and smooth, and the whole construction is light and compact. The door proper being made of slats with spaces between, the extension fills those spaces when the door is closed. If the door is marked with a measuring-scale, the extension may have a continuation of the scale. The case has a compartment, C, in the lower part, under the main door, for containing holland in stock. The door B is to be high enough to give about the height of an ordinary table when let down into a horizontal position, as shown in Fig. 2. This gives considerable room for the compartment C below. Suitable doors, *d d*, of ordinary construction close this lower compartment.

I claim as my invention—

1. In a holland-case, a door, B, adapted to be turned down into a horizontal position for supporting the material to be cut off, in combination with a frame, D, hinged thereto, and bearing a cutting-off knife, and with an extension, A, adapted to be drawn out for lengthening the support formed by the door, and to be slid into the door when the said door is to be closed, substantially as herein specified.

2. The combination of the holland-case, a door, B, adapted to be turned down into a horizontal position for cutting off the material, a knife-holding frame, D, pivoted to the door, and an extension-slide, A, formed of parallel slats, *a a* sliding between parallel slats *b b* of the door, substantially as herein specified.

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

CRITTENDEN CREGMILE.

Witnesses:
O. G. SCOTT,
CHARLES W. KNIGHT.