

(No Model.)

L. FOX & G. WEENINK.

AWNING.

No. 252,093.

Patented Jan. 10, 1882.

Fig. 1.

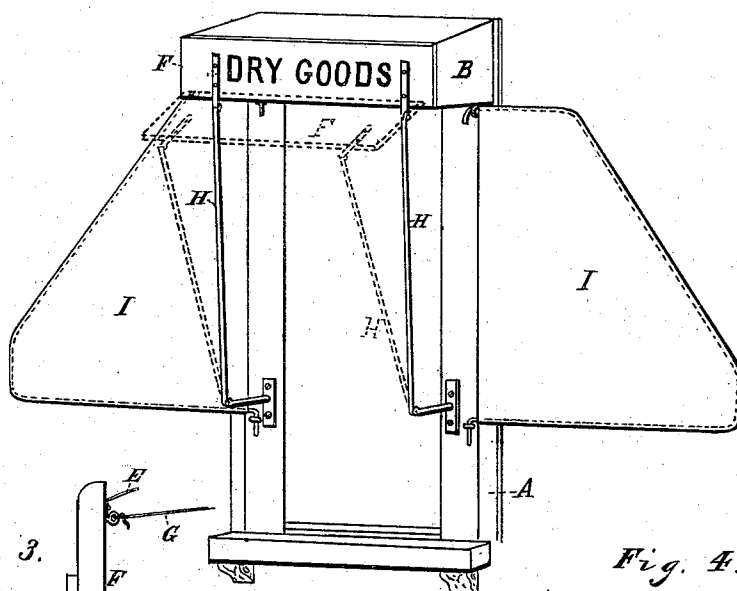


Fig. 3.

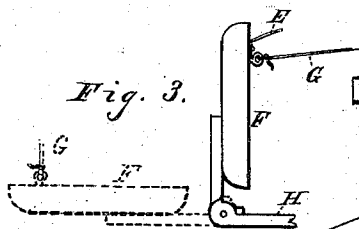


Fig. 2.

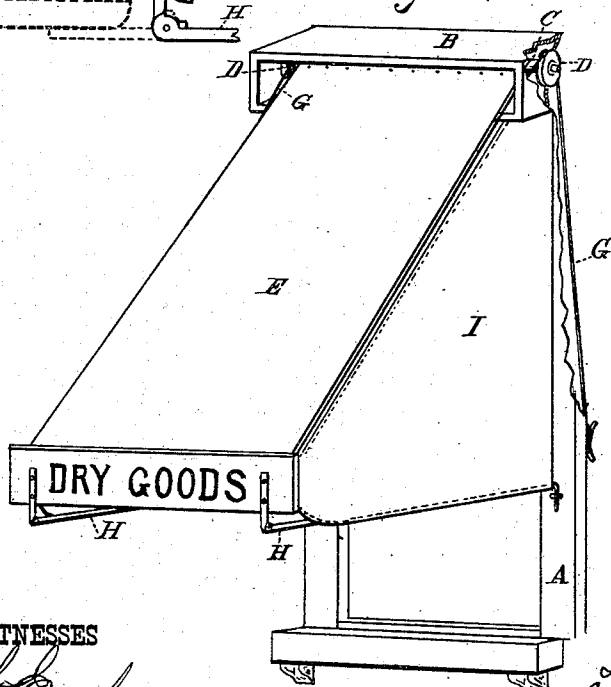
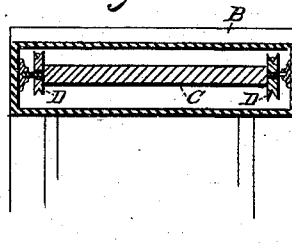


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

LEWIS FOX AND GEORGE WEENINK, OF CLEVELAND, OHIO.

AWNING.

SPECIFICATION forming part of Letters Patent No. 252,093, dated January 10, 1882.

Application filed August 26, 1881. (No model.)

To all whom it may concern:

Be it known that we, LEWIS FOX and GEORGE WEENINK, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Awnings; and we do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

Our invention relates to awnings; and it consists in the peculiar manner of housing the same, as will be hereinafter fully set forth and claimed.

In the drawings, Figure 1 is an isometric view of our device attached to a window-frame, showing it in a closed position and with its sides folded back. Fig. 2 is an isometric view, showing our device attached to a window-frame and in use with awning down and sides in position. Fig. 3 is a detached view of the end board, showing its construction. Fig. 4 is a longitudinal sectional view of the housing-box and roller.

A is a window-frame, to the upper part of which is attached a housing-box, B. This housing-box is provided with a roller, C, which extends from one end to the other of said box B. This roller, in turn, is provided with two grooved pulleys, D, near its ends, and revolves in suitable bearings, *a*, set in the end of the box B.

E is an awning, of suitable material, one end of which is attached to the roller C and the other end to a board, F.

G are cords or ropes, which are attached at one end to the board F and pass over the pulleys D, and from thence to the inside of the building, where they are secured.

H are brace-rods, one end of which is hinged to the window-frame in such a manner that they are free to move up and down, but not laterally. The outer end of the brace-rods H is hinged to the end board, F, in such a manner that when the awning is down the said end

board will be at right angles to the said rod H. (See Fig. 3.)

I are side pieces, which are hinged to the window-frame in such a manner that they will swing in a horizontal direction, or may be thrown back out of the way, as shown in Fig. 1, when the awning E is rolled up in the housing-box B.

The operation of our device is as follows: When it is desired to roll the awning E up, all that is necessary is to pull the cords G from inside, which cords, running over the pulleys D, revolve them and the roller to which they are attached. The other end of the cords G, being attached to the end board, F, also pulls said board upward, and with it the awning E, said awning being rolled on the roller C as fast as it is pulled up until the end board, F, reaches the housing-box B. The end board F now closes the open end of the housing B in such a manner as to protect the awning E, and the side pieces, I, are swung back, as shown in Fig. 1.

The end board, F, may be used as a sign, if desired, as shown in the drawings.

We are aware that it is not broadly new to combine with a housing an awning and means for rolling the latter within the housing; hence we make no claim to such construction; but

What we claim is—

The combination, with the housing, roller, and pulleys, of the awning E, end board, F, cord G, and braces H, hinged at one end to the window-frame and at the other end to the end board, substantially as and for the purpose set forth.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

LEWIS ^{his} FOX.
GEORGE ^{mark.} WEENINK.

Witnesses:

JNO. CROWELL, Jr.,
ALBERT E. LYNCH.