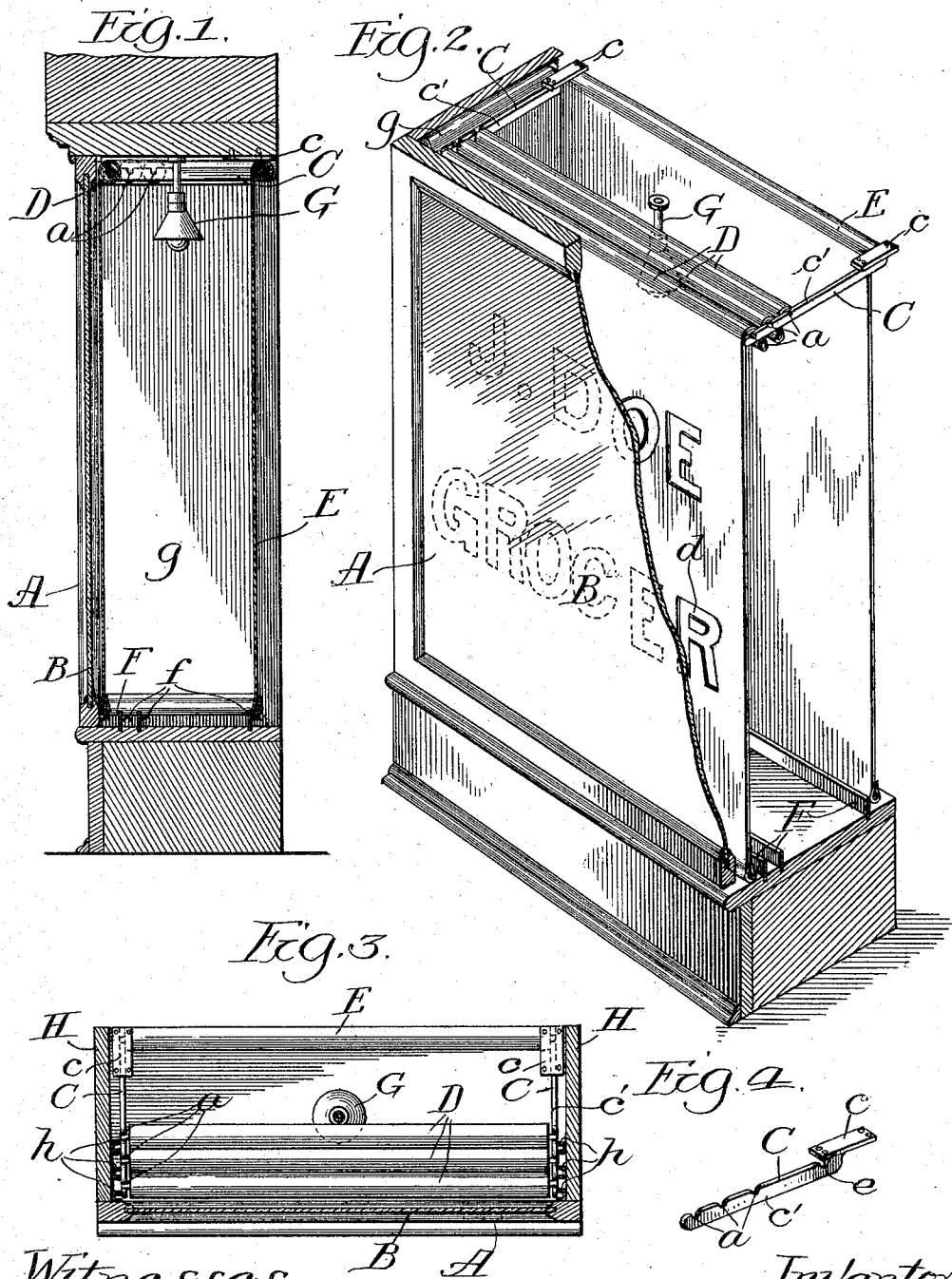


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CURTAIN SIGN FOR WINDOWS.
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981,184.

Patented Jan. 10, 1911.



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UNITED STATES PATENT OFFICE.

JOHN H. FITCH, OF CHICAGO, ILLINOIS.

CURTAIN-SIGN FOR WINDOWS.

981,184.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN H. FITCH, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Curtain-Signs for Windows, of which the following is a clear, full, and exact description.

My invention relates to curtain signs that are adapted to be used in the display windows of shops, stores, and business places, and particularly to that class of signs wherein some method of artificial illumination is employed for the purpose of displaying the subject-matter contained in these signs.

One of the objects of my invention is to provide means whereby the sign may be readily changed from day to day without the necessity of making a new sign.

A further object of my invention is to provide a window display sign such as above briefly described that will not readily get out of order, and which can be easily changed or altered whenever it may be found necessary to do so. This I accomplish by the means hereinafter fully described and as more particularly pointed out in the claims.

In the drawings:—Figure 1 is a central transverse section of a store window having my improved curtain signs therein and showing one of the same in position. Fig. 2 is a diagrammatical perspective view, partly broken away of a window having my improved curtain sign therein. Fig. 3 is a plan view of the window looking down upon the same above the curtain. Fig. 4 is a detailed view of the bracket for supporting the curtains, the same being shown in the perspective.

Referring to the drawings, A represents the framework of a suitable display window for stores, that has its front provided with the usual pane of glass B extending from the side to side of said window and arising to a height approximately corresponding to that of said window. Secured preferably, to the rear of the ceiling or to the back wall of this window frame is a suitable curtain supporting bracket C comprising a metal strip bent back upon itself to form a flat screw-plate or screwing portion *c* and projecting forwardly therefrom is an elongated arm *c'* that extends forward to near the glass front of the window. These

brackets C are preferably placed at opposite ends of the window-frame as shown and the upper edges of the forward ends of their arms are provided with a series of transverse slots *a* that form bearings in which are journaled a plurality of window curtains D of the roller-shade type.

Curtains D are preferably made of black or other dark-colored opaque window-shade material and have suitable lettering *d* cut in the same representing the matter to which it is desired to call attention. At the rear-most portion of brackets C the arms thereof are each provided with a transverse slot *e* in which the journals of a roller shade E bearing white or other light-reflecting material are mounted, and which, when pulled down will cover and act as a reflecting screen across the entire rear wall of the window. Extending longitudinally from side to side of the floor of the window is a series of suitable parallel cleats or narrow strips F that are provided, about midway their length with a suitable hook *f* that is adapted to be secured to the end of the curtain when the same is pulled down.

Projecting downwardly from about the central portion of the ceiling is the burner G of a suitable illuminating agent such for example as an electric light that is preferably provided with a reflector that throws the light against the white screen curtain at the rear of the window. Now, when one of the opaque sign-curtains D is pulled down to the floor of the window and secured to its respective cleat, the rays of light from the lamp reflected from the rear screen will be projected through the cut-out portions in the sign curtains and can easily be read from the outside of the window.

Should the window be provided with side glasses the same may be closed with a single curtain *g* which may be either of the reflecting screen type or a sign curtain, as may be found desirable. However, should these ends not be provided with glass but be closed by panels H (Fig. 3) the same may be provided with a series of substantially U-shaped tracks or guides *h* in which the extended ends of the strengthening rails usually at the lower edges of the curtains, may be moved up and down.

By the above construction it will be seen that, on account of the intense reflection obtainable from the white screen at the rear

it will only be necessary to use a single light, and by mounting a plurality of sign curtains in the brackets the signs may be varied at will from day to day and if desired a
5 number of the same may be kept on hand for this purpose.

What I claim as new is:—

1. The combination with a window having a transparent front, of curtain supporting
10 brackets extending from the front to the rear thereof, a roller-shade having a curtain of reflecting material, journaled near the rear end of said brackets, an illuminant in front of said latter curtain, a sign bearing roller-
15 shade curtain mounted at the front end of said brackets, and guide strips on the sides of said window in which the edges of said curtains are adapted to move.

2. The combination with a window having
20 a transparent front, of curtain supporting brackets extending from the front to the rear thereof, a roller-shade having a curtain of reflecting material, journaled near the rear end of said brackets, a sign bearing roller-
25 shade curtain mounted at the front end of

said brackets, and illuminating means mounted between said curtains.

3. The combination with a window having a transparent front, of curtain-supporting brackets extending from the front to the rear
30 thereof, a roller-shade having a curtain of reflecting material, mounted near the rear end of said brackets, a plurality of opaque roller-shade curtains each having suitable
35 lettering cut through the same and mounted near the forward ends of said brackets, illuminating means mounted between said reflecting curtain and said sign bearing curtains, and parallel strips extending longitudinally of said window and provided with
40 hooks for retaining said curtains in their lowered positions.

In testimony whereof I have hereunto set my hand and seal this 25th day of January, A. D., 1909.

JOHN H. FITCH. [L. S.]

Witnesses:

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M. E. MARTIN.