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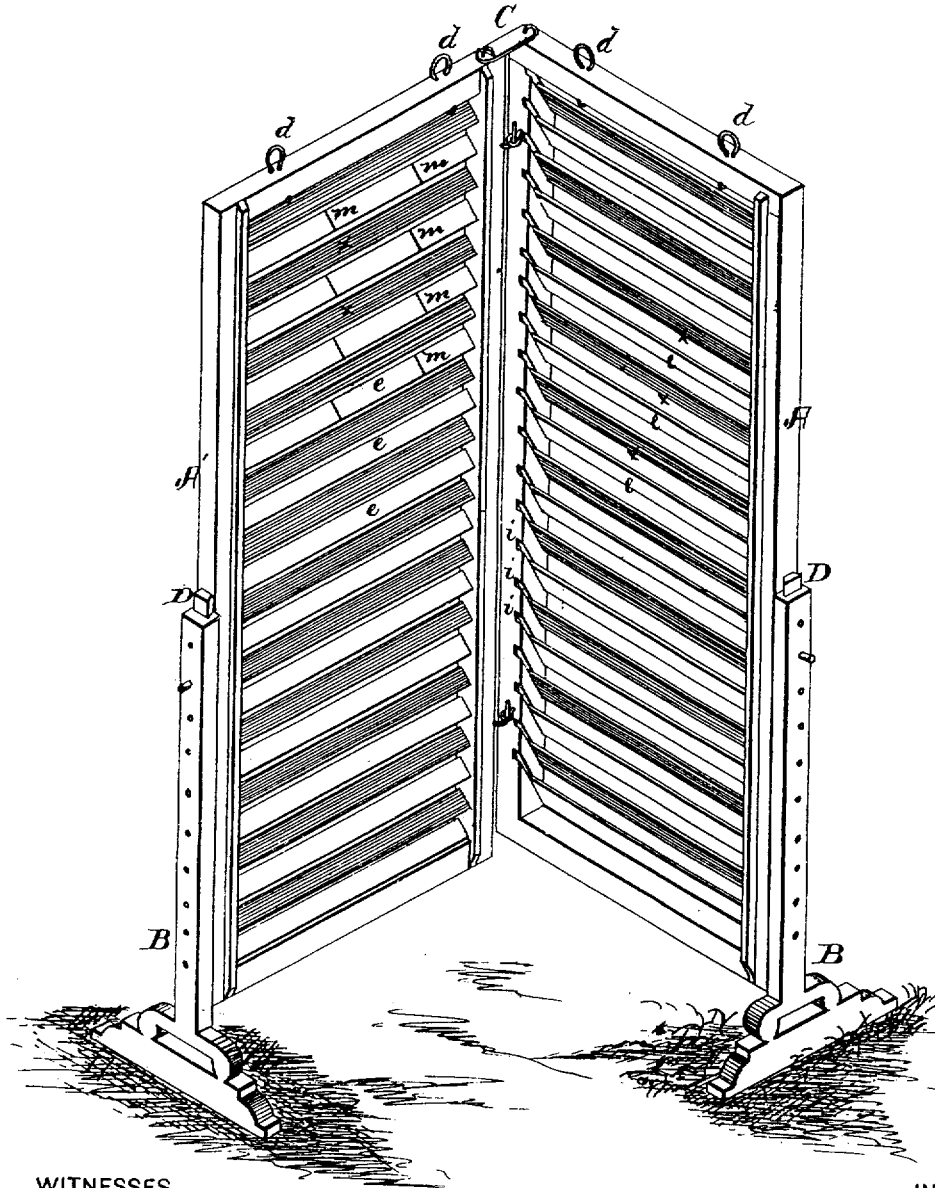
188,570

H. M. BEIDLER.

BLUE GLASS SUN-BATHS.

No. 188,570.

Patented March 20, 1877.



WITNESSES  
*Frank L. Ourand*  
*Franklyatt*

INVENTOR  
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 ATTORNEYS.

# UNITED STATES PATENT OFFICE

HENRY M. BEIDLER, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN BLUE-GLASS SUN-BATHS.

Specification forming part of Letters Patent No. **188,570**, dated March 20, 1877; application filed February 24, 1877.

*To all whom it may concern:*

Be it known that I, HENRY M. BEIDLER, of Philadelphia, in the county of Philadelphia, and in the State of Pennsylvania, have invented certain new and useful Improvements in Blue-Glass Sun-Baths; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of a frame or frames in which pieces of clear and blue glass are placed alternately and secured for giving sun-baths to invalids or others, or to plants, or the lower order of animals, as the case may be, as will be hereinafter described.

In order to enable those skilled in the art to which this invention appertains to use my invention, I will now proceed to describe its construction and operation.

In the accompanying drawings, making part of this specification, the figure represents a perspective of two frames hinged together and containing the glass. A represents one frame, and A' the other. They are simple of construction, and are similar to ordinary screen-frames. In the sides of these frames are cut a series of slots or grooves at about an angle of forty-five degrees, and in these grooves are inserted alternate strips of blue and clear glass. The strips of glass are made from two to six inches in width, and of any suitable thickness.

*x x* represent the blue and *e e* the clear strips. B B represent standards, which are provided in one side with dovetailed grooves. Into these grooves pass the dovetailed cleats or strips D D, upon the outer edges of the frames.

By this arrangement the frames may be raised or lowered, and stationed at any point by means of stationary pins or a set-screw.

The object of this invention is the same as that described in the patent of A. I. Pleasonton, of September 26, 1871, No. 119,242. In that case the alternate panes of glass were applied to windows or doors in buildings, and were stationary with the same. I have made a device which may be moved about, placed

in different positions, and which will be made and sold as an article of manufacture.

By placing the frames as represented in the figure the sun's rays pass through them at different angles.

By using a number of narrow strips, one above the other, and overlapping, I blend and more nearly approximate the electric and the natural rays of the sun.

In some instances I make dark stripes upon the clear glass, for breaking the lines of light, and thus producing different effects.

It will be seen that I use loops on the tops of the frames. They are for the purpose of hanging them (the frames) when separated in front of a window, so that the rays of the sun may pass through when they cannot well be made to reach the two frames when connected together.

I do not wish to be understood as claiming anything that is covered by the Letters Patent of September 26, 1871, No. 119,242; nor do I wish to be understood as making claim, broadly, to a movable screen, such as commonly used in offices and families, and which, in some instances, is made in two parts hinged together, and provided with wooden slats set at an angle, as I well know that such is old, and hence not my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. Two or more frames hinged or adjustably connected, carrying alternate strips of blue and clear glass, separated one from the other, and placed at different angles, and said frames capable of vertical adjustment, as and for the purpose specified.

2. A frame or frames provided with angular grooves, for carrying alternate strips of blue and clear glass, in combination with said strips, arranged parallel to each other, as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of February, 1877.

HENRY M. BEIDLER.

Witnesses:

FRANK GALT,  
FRANCK L. OURAND.