

(No Model.)

C. Y. TAYLOR.
DRAFT SCREEN.

No. 566,815.

Patented Sept. 1, 1896.

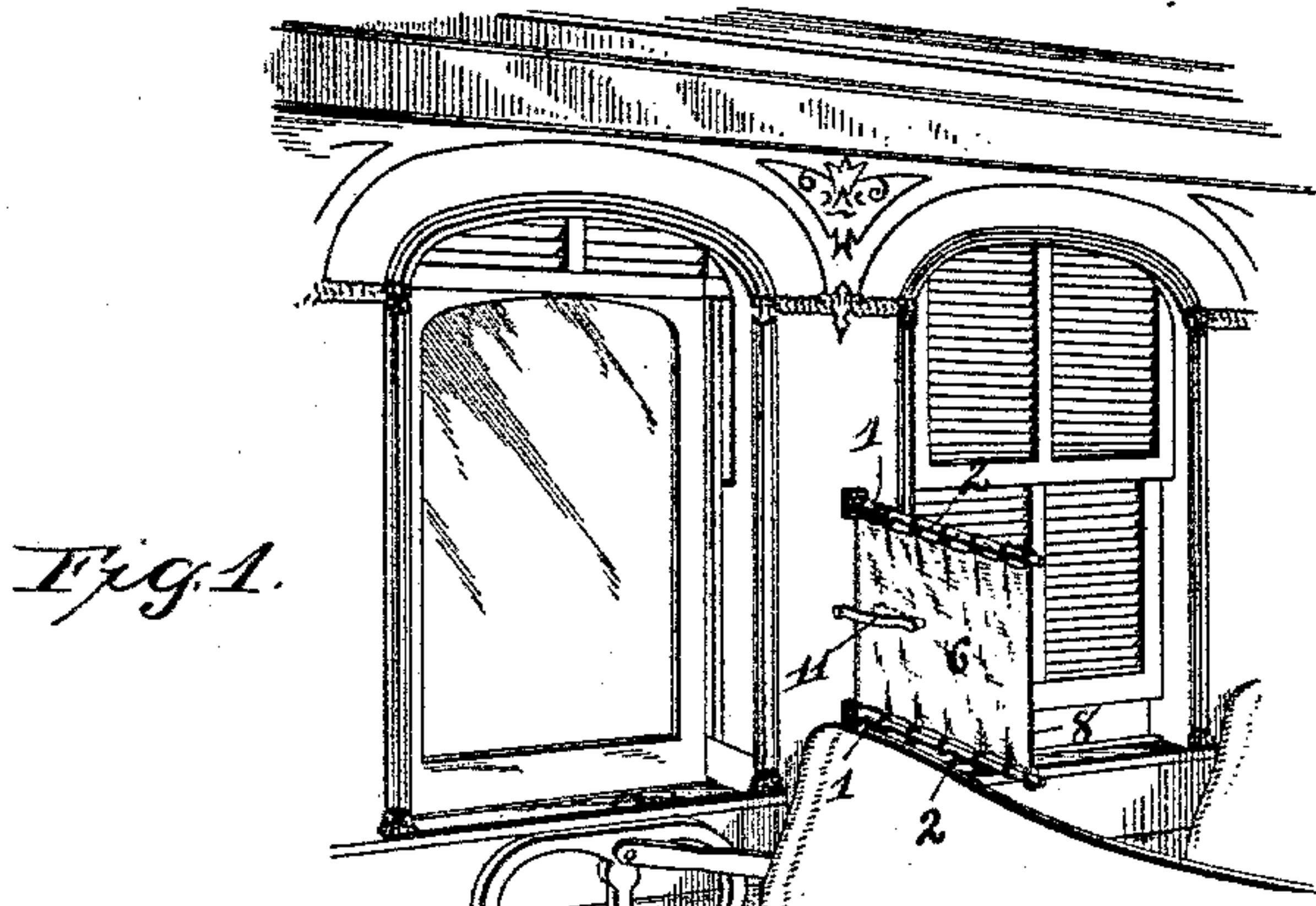


Fig. 1.

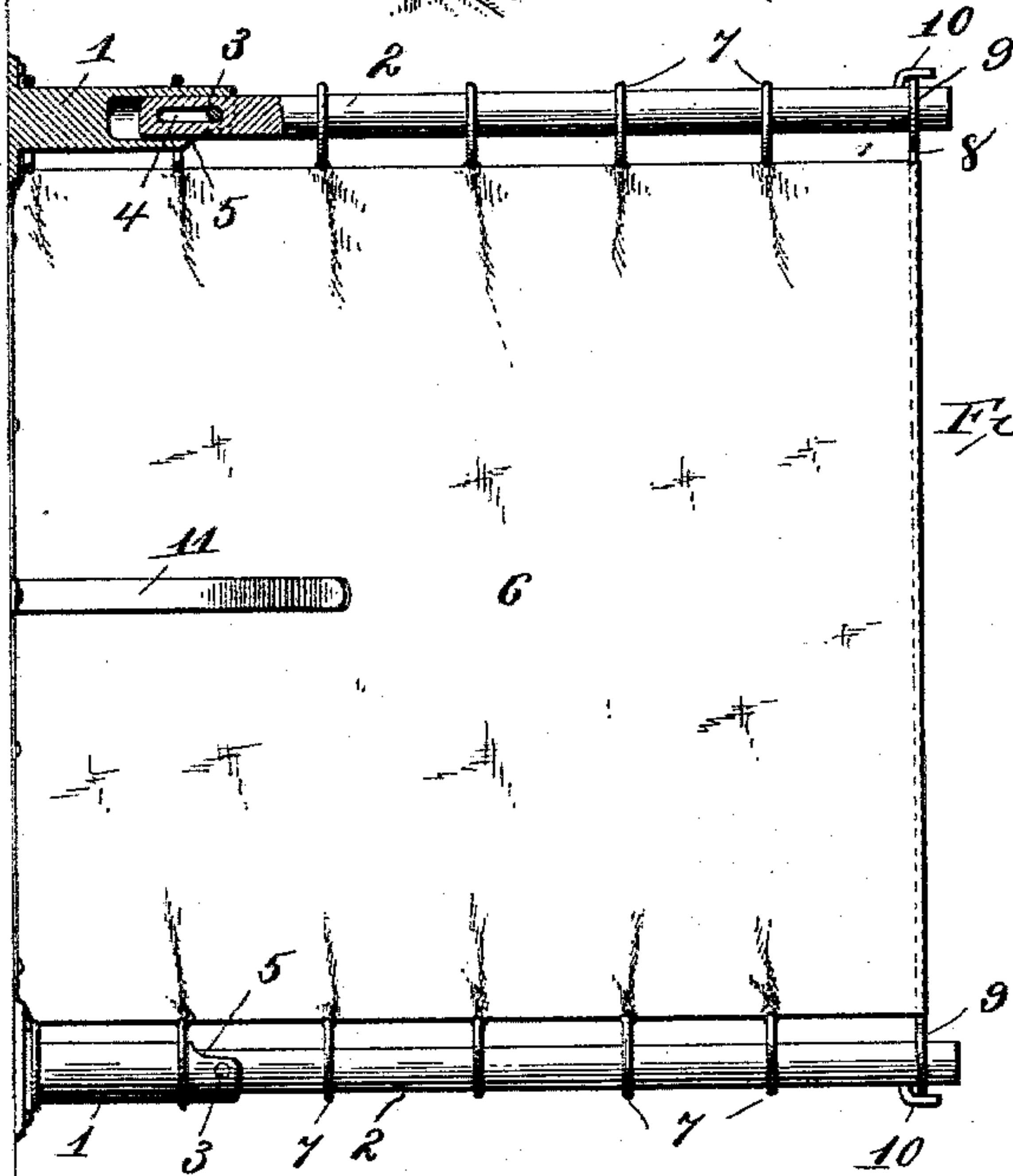


Fig. 2.

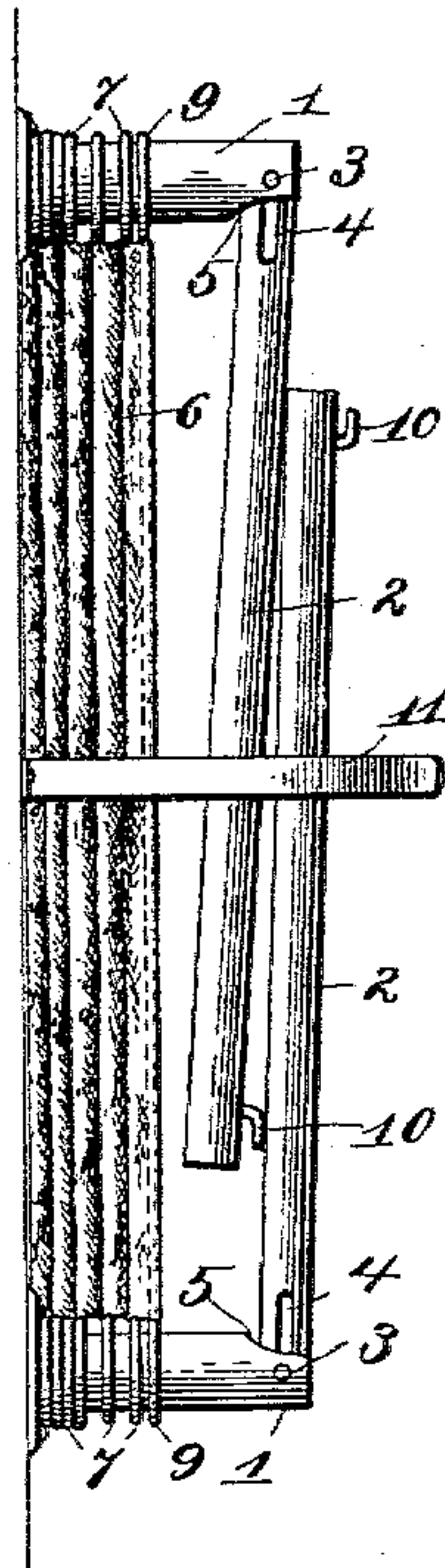


Fig. 3.

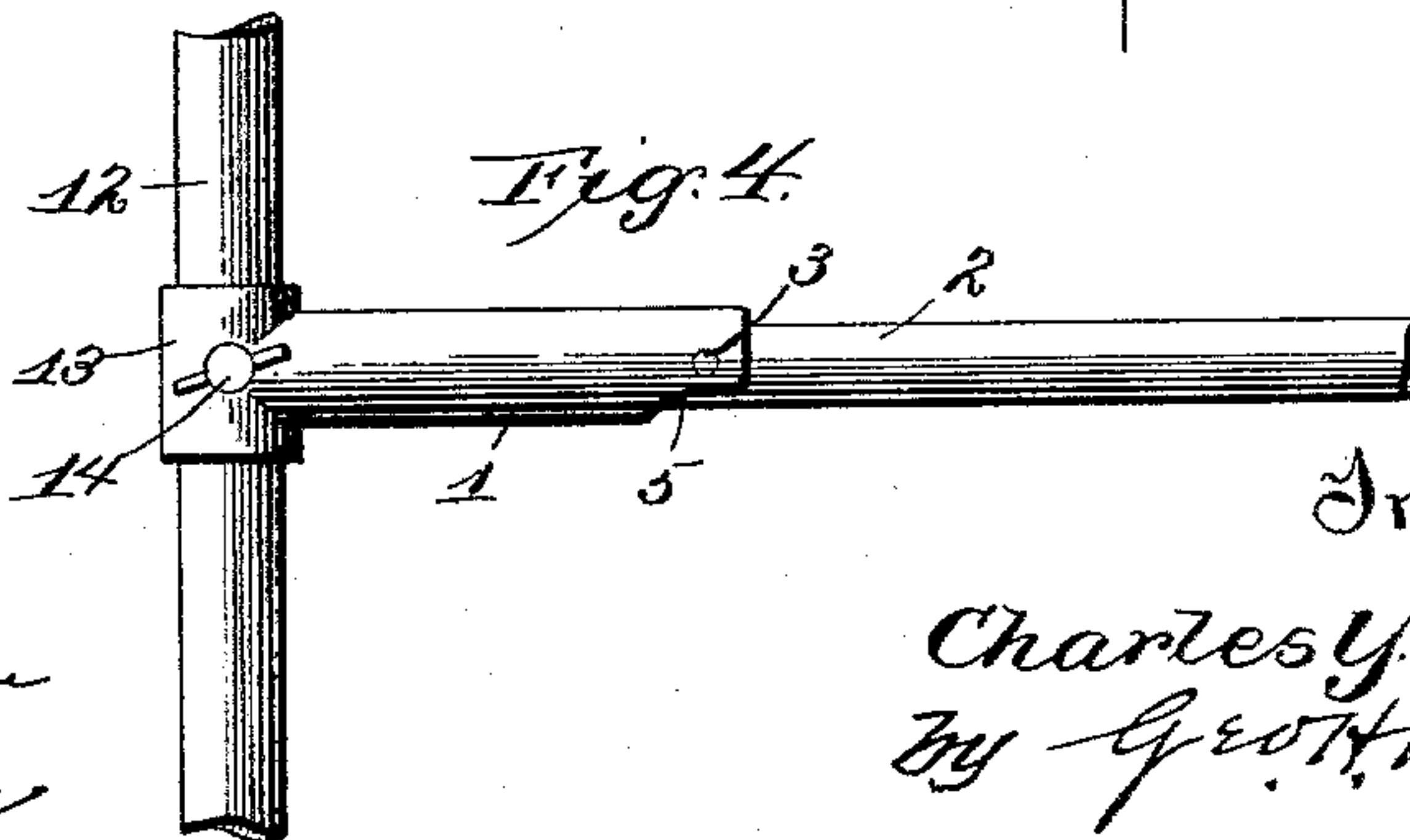


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES Y. TAYLOR, OF WILMINGTON, DELAWARE.

DRAFT-SCREEN.

SPECIFICATION forming part of Letters Patent No. 566,815, dated September 1, 1896.

Application filed January 2, 1896. Serial No. 574,128. (No model.)

To all whom it may concern:

Be it known that I, CHARLES Y. TAYLOR, a citizen of the United States, residing at Wilmington, in the county of New Castle and State of Delaware, have invented certain new and useful Improvements in Draft-Screens, of which the following is a specification.

My invention relates to a new and useful improvement in draft-screens for railway-cars and the like, and has for its object to provide such a device which may be readily attached to any surface or wall and when distended serve to deflect a current of air which would otherwise become annoying, and when not needed may be folded and held in a compact form, so as to be out of the way.

With these ends in view the invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which the invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring by number to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents my improvement as applied to the inside of a railway-car, between the seats thereof; Fig. 2, an enlarged view of the screen and its supporting devices, a portion of one of which is in section; Fig. 3, a similar view showing the screen and its supports folded, and Fig. 4 a detail of a slight modification in which the supporting devices are adapted to be held and adjusted upon a rod.

Similar numbers denote like parts in the views of the drawings.

1 are sockets, preferably of metal, cast into shape and adapted to be secured by suitable screws or otherwise to a wall, and 2 are rods adapted to fit within the sockets and prevented from being withdrawn therefrom by means of the pins 3, which pass through the slots 4, so that when the rods are in the position shown in Figs. 1, 2, and 3 they will be supported in a horizontal position, but when it is desired to fold them to a vertical position they are drawn outward to the limit of the movement permitted by the slots 4, when the upper rod may be turned down and the

lower rod turned up, as clearly shown in Fig.

3. To facilitate this swinging movement of the rods, a portion of each of the sockets is cut away at 5.

6 is a screen made of any suitable fabric, such as silk, and having the rings 7 secured along its top and bottom edge, and these rings are passed over the rods, so as to permit a free movement back and forth of the screen. The outer vertical edge of the screen is secured to the rod 8, which terminates at top and bottom in loops or wings 9, which are adapted to slide upon the rods 2.

10 are hooks projecting from the rods 2 at their outer ends, for the purpose of engaging the loops 9, in order to hold the screen in its distended position, as shown in Figs. 1 and 2.

From this description it will be seen that if a car be fitted with my improved screens and a draft from a window in front of a person becomes annoying or injurious it is only necessary for said person to distend the screen, as above described, when said draft will be deflected and travel thus made more pleasant and safe; but when the screens are not desired for use it is only necessary to slide the rings 7 and 9 along the rods 2 and onto the sockets, as shown in Fig. 3, when the rods 2 may be turned to the vertical position and there retained by the spring action of the arms 11, one of which is placed upon either side of the screen, in the center thereof. The inner vertical edge of the screen is preferably tacked or otherwise fastened to the side of the car, so as to prevent its becoming displaced. When it is not desirable, on account of the arrangement of the car-seats, such as in parlor-cars, or for other reasons, to secure the sockets directly to the side walls, a vertical rod 12 may be used, which may be secured to the floor or ceiling, or both, and the sockets provided with bearings 13, adapted to slide upon said rods and having set-screws 14 therein for the purpose of securing said sockets in the desired vertical adjustment. The object of this arrangement is that the vertical position of the screen may be regulated to suit the person.

One of the greatest annoyances and dangers in travel upon railway-trains is the drafts which are often occasioned by the opening of a window in front of a person

easily affected by direct draft, as it is next to impossible to regulate the opening and closing of windows in a car occupied by passengers, as each have their own preferences and have little or no consideration for others; but by the use of my improved screen each person will have the ability to regulate the draft from open windows without reference to the other occupants of the car, and it will therefore be seen that a great inconvenience is avoided by the use of said screen.

I am aware that slight modifications may be made in the constructions here shown and described, and I do not wish to limit myself to these exact constructions, as the spirit of my invention rests in the broad idea of providing an adjustable screen, which may be brought into use when desired and when not desired for use may be folded out of the way.

Having thus fully described my invention, what I claim as new and useful is—

1. A screen, consisting of sockets secured to a suitable support, rods adapted to be distended from said sockets, a screen supported by said rods, means for holding said screen

in a distended position, and means for retaining said screen in its folded position, as shown and described.

2. In a device of the character described, a pair of sockets adapted to be secured to the side of a car, two rods fitted to said sockets, so as to be distended either to a horizontal or a vertical position, a series of rings adapted to slide upon said rod, a screen supported by said rings, a rod 8, terminating in rings 9, secured to the outer vertical edge of said screen, hooks 10, for engagement with said rod 8, whereby the screen is held in a distended position, and springs 11, adapted to retain the several parts of the device in their folded position, as shown and for the purposes set forth.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

CHARLES Y. TAYLOR.

Witnesses:

S. S. WILLIAMSON,

HOWELL S. ENGLAND.