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2 SHEETS—SHEET 1.



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WINDOW TENT.

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1,009,682.

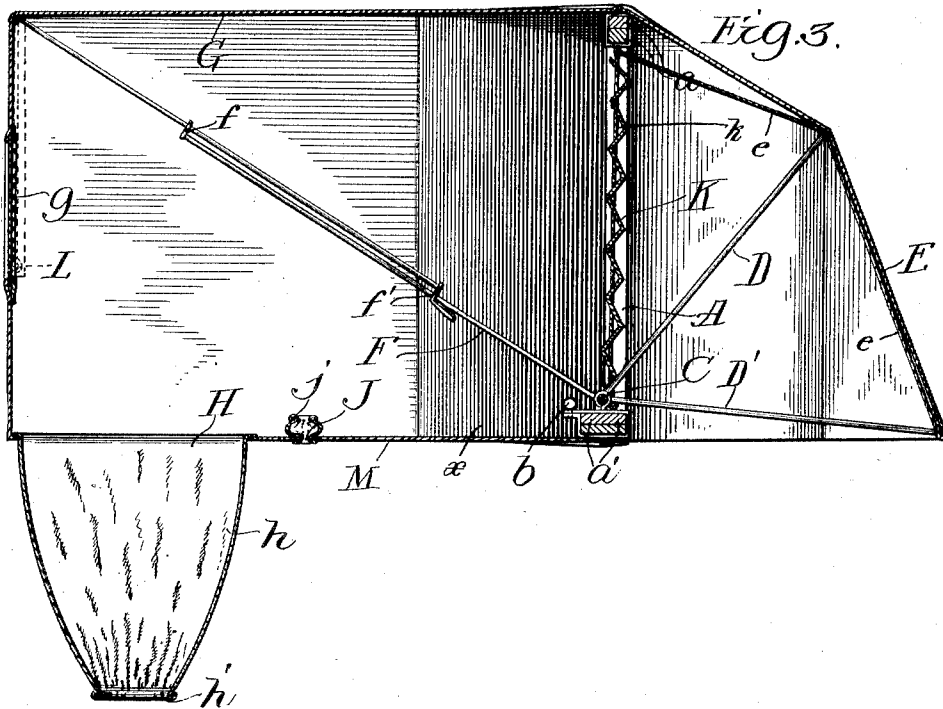
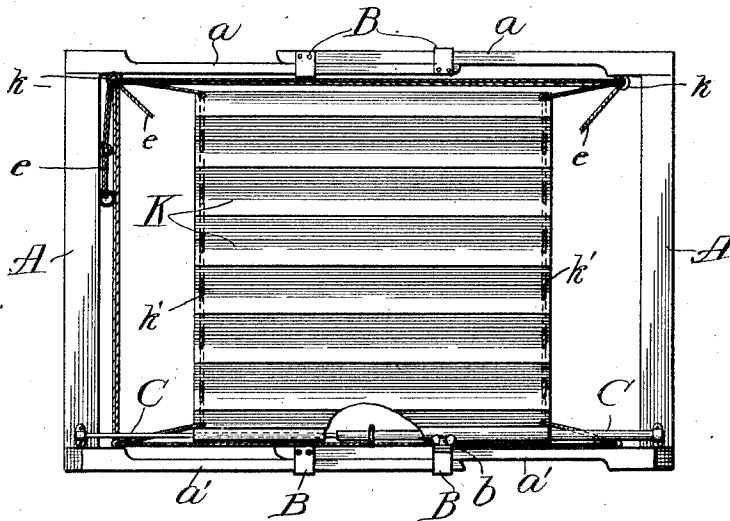


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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## WINDOW-TENT.

1,009,682.

Specification of Letters Patent.

Patented Nov. 21, 1911.

Application filed April 12, 1909. Serial No. 489,248.

*To all whom it may concern:*

Be it known that I, OSCAR G. MULL, a citizen of the United States, residing at Quincy, in the county of Adams and State of Illinois, have invented new and useful Improvements in Window-Tents, of which the following is a full, clear, and exact description.

This invention relates to tents, awnings, or other similar devices that are adapted to be placed in the windows of sleeping rooms or apartments to permit persons desiring fresh air at all times to obtain the same without unnecessarily chilling or lowering the temperature of the said rooms.

In the treatment of tuberculosis, and other affections of the lungs and throat, it is extremely essential that the patient or person under treatment be given plenty of fresh air at all times and especially during sleeping periods and at the same time it is necessary to keep the body as warm as possible with a minimum amount of bedding. By my invention the patient's head is the only portion of the body exposed to the outer atmosphere while the portions below the neck are covered and kept warm within the room which can be kept at any desired temperature.

It is the object of my invention to provide a window tent, the frame of which can be adjusted where it fits in the window to adapt it to windows of various sizes without requiring the construction of the tent to be altered or to build a separate frame for each size of window.

It is also an object of my invention to provide convenient means whereby ready access may be had to all parts of the interior of the tent to adjust the awnings or screens in a more convenient manner than if it were necessary to insert the arm through the head-opening.

It is a further object of my invention to so construct said tent that the cover or casing thereof can be readily removed from the framework for the purpose of cleaning the same when it becomes soiled.

It is still a further object of this invention to provide means whereby the window-opening will not be necessarily restricted by proportions of the frame and to permit the entire window-opening to be used for the ingress of fresh air.

These objects I accomplish by the means hereinafter fully described and as more particularly pointed out in the claims.

In the drawings:—Figure 1 is a perspective view of the skeleton framework of one of the improved tents showing the position it would occupy in a window, the casing or covering of the tent being illustrated by dotted lines. Fig. 2 is a top plan view of the same with the cover on and removed from the window. Fig. 3 is a central longitudinal section of the complete window tent. Fig. 4 is a vertical elevation of the extensible or telescopic frame which fits into the window and having the outside awning bows, covering and other parts removed therefrom.

Referring to the drawings, it will be seen that the main frames consist of two side uprights A, A, the top and bottom ends of which are connected by horizontal rails each of which is preferably made in two extensible sections *a*, *a*, and *a'*, *a'*, respectively that lap past each other. The outer or lapped ends of each section are preferably provided with suitable metal straps B that partially or nearly surround the other section and form guides through which the intermediate portion of said opposite section slides when it is being adjusted. I prefer to make one of these straps in two parts and connect the same together by a thumb-screw or clamp *b* and lock the sliding sections of the frame in their adjusted positions.

Mounted in suitable brackets secured to the lower portions of uprights A, is a suitable telescopically extensible rod C upon which is mounted the ends of a pair of inverted substantially U-shaped heavy wire bows D, D', of the outwardly extending awning E. The lowermost bow D' when in a lowered position is about in a plane level with the horizontal plane of the window-sill, and the end edge of the awning material is preferably turned back over the horizontal portion of this lower bow and a cord is threaded through it so that the said awning can be readily detached from the bow for the purpose of separating it from the tent frame, as will hereinafter be more fully described.

Pivottally secured to and projecting from rod C in a direction opposite to that of said bows D and D' is an extensible bow F that is considerably longer, when extended, than the outer awning bows and projects into the room the distance it is desired the tent shall extend. The legs of this bow are preferably made in two parts that lap past each other,

as shown in Fig. 3, and the lapping ends of these parts are provided with lateral links *f*, *f'* through which the opposite section is adapted to slide; one of said links 5 being provided with a spring or other device that permits the rods to be extended freely but locks them against the reverse movement unless the spring is released.

Surrounding and inclosing the main frame 10 and the extensible bow, just described, is a casing *G* or covering of canvas or other suitable fabric, the principal portion of which extending into the room is substantially rectangular, and the portion *x* of 15 which adjacent to the main frame is widened, and provided with a draw-string or elastic *y* so that the portion intermediate the sides of the said casing are puckered to accommodate the same to the adjustment of 20 the frame. This casing is attached to the angles of said frame so as to enable said casing or covering to expand when said frame is adjusted to fill the window opening, and thus make the opening into the tent 25 coextensive with the window opening to the extent of the adjustability of said main frame. The inner portion of the tent made by said covering, is provided with a bottom *M*, and the inner end thereof is closed, and 30 in this bottom near said inner end is an opening *H* for the head from the edges of which a pendent closure-bag *h* is hung the opening in whose lower end is contracted by an elastic band *h'* or otherwise. Between 35 said head-opening and the window, the bottom is provided with a hand-opening *J* which is normally closed by a wrist-bag *j*, and in the inner end of the tent the said casing or covering has a small window *g* that is 40 closed by mica, transparent celluloid or other suitable material.

To place my improved tent in position the lower sash is raised and the main frame placed in the opening thereof and then the lower sash is brought down close to the 45 upper edge thereof, with the tent portion projecting into the room and extending preferably across the bed where the patient desires to sleep. The extensible bow is then elongated to its full length to elevate the 50 inner upper edge of the tent in the position shown in Fig. 3. Upon retiring the patient inserts his head into the bag *h* and can rest his head upon a pillow placed either inside or outside of the tent. In inclement weather 55 the outer awning may be dropped to prevent the rain or snow from beating into his face, and in extremely stormy weather a suitable screen *K* may be raised within the confines of the main frame to protect him.

60 Screen *K* has its lower end looped around the rod *C* and a pair of guide-cords *k'*, *k'*, are threaded through the plaited edges of the same and pass up through screw-eyes *k*, *k* and their ends are disposed of in such 65 convenient manner that they can be readily

reached through hand-hole *J* by the patient, to raise or lower the screen as desired. For the purpose of manipulating the outer awning *E*, an operating cord *e* is used that has one end secured to the central portion of the 70 lower bow *D'* and from thence extends up through screw-eyes *k*, *k*, so that by pulling on or releasing the free end of said cords the awning may be raised or lowered at will. When it is desired to remove the casing of 75 the tent the portion secured to the lower awning bow is released, and the portion at the main frame is loosened and detached therefrom, whereupon the whole casing may be easily removed from the bows and frame 80 in one piece. In order to strengthen the inner end of the tent the vertical sides of the end wall are, preferably hemmed and a loose U-shaped bow *L* inserted therein, which from the top can be readily inserted or re- 85 moved when the casing is taken off the frame-work as heretofore described.

What I claim as new is:—

1. A device of the character described comprising a laterally extensible frame 90 adapted to fill the space of an open window, a longitudinally disposed covering therefor consisting of top, bottom and sides and open to the atmosphere, the portion of said covering nearest said frame having a substan- 95 tially V-shaped extension on each side and automatically adjustable to the size of said frame.

2. A device of the character described comprising a laterally extensible frame 100 adapted to fill the space of an open window, a longitudinally disposed covering therefor consisting of top, bottom and sides and open to the atmosphere, the portion of said covering nearest said frame having a substan- 105 tially V-shaped extension on each side and automatically adjustable to the size of said frame, and a hand-hole adjacent thereto whereby access is had to the interior of said covering from the outside thereof. 110

3. A device of the character described comprising a laterally extensible rectangular frame adapted to fill the space of an open window, an extensible rod secured to the 115 lower portion of the sides of the same, a longitudinally disposed covering for said frame consisting of a top, bottom and sides and open to the atmosphere, and having a portion that extends outside said window, the 120 portion of said covering nearest said frame being widened, an inwardly projecting extensible bow mounted on said rod and supporting said covering, and a pair of bows also mounted on said rod and supporting the forward extension of said covering. 125

4. A device of the character described comprising a laterally extensible rectangular frame adapted to fill the space of an open window, an extensible rod secured to the 130 lower portion of the sides of the same, a

longitudinally disposed covering for said  
frame consisting of a top, bottom and sides  
and open to the atmosphere, and having a  
portion that extends outside said window,  
5 the portion of said covering nearest said  
frame being widened and adapted to be  
automatically adjusted to the size of said  
frame, an inwardly projecting extensible  
bow mounted on said rod and supporting  
10 said covering, and a pair of bows also mount-  
ed on said rod and supporting the forward  
extension of said covering.

5. A device of the character described  
comprising a laterally extensible rectangular  
15 frame adapted to be adjusted to fill the space  
of an open window, an extensible rod se-  
cured to the lower portion of the sides of  
the same, a longitudinally disposed covering  
for said frame consisting of a top, bottom,

and sides and open to the atmosphere, said 20  
bottom portion provided with a head-open-  
ing, and having the portion nearest said  
frame widened and automatically adjustable  
to the size of said frame, a hand-hole adja- 25  
cent thereto whereby access is had to the in-  
terior of said covering from the outside, an  
inwardly projecting extensible bow mounted  
on said rod and supporting said covering,  
and a pair of bows also mounted on said rod  
and adapted to support an extension of said 30  
covering that projects outside the window.

In witness whereof I have hereunto set  
my hand this seventh day of April A. D.  
1909.

OSCAR G. MULL.

Witnesses:

E. L. BASTERT,  
H. M. SOEBBING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,  
Washington, D. C."