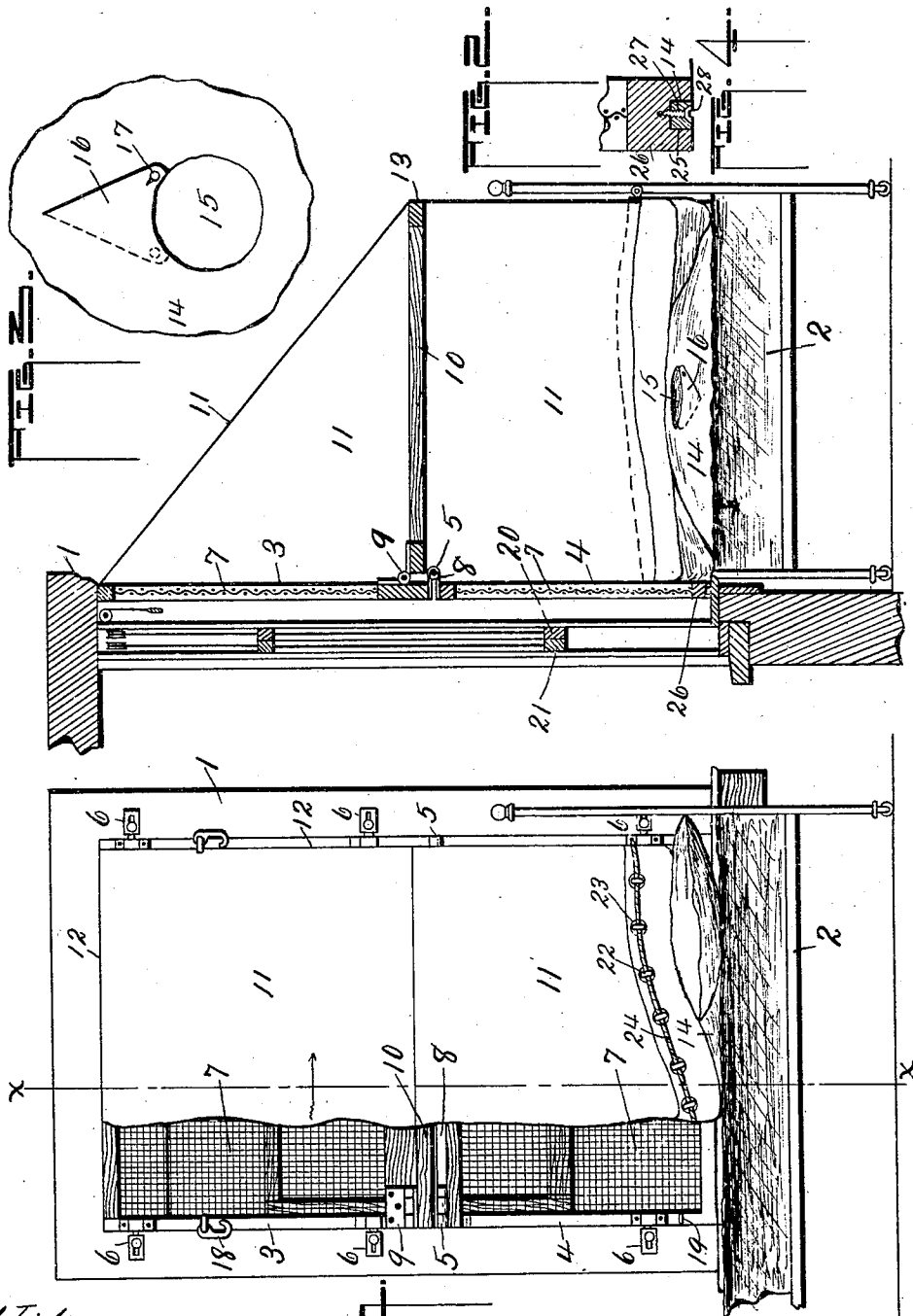


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WINDOW TENT.

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Patented Nov. 29, 1910.



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WINDOW-TENT.

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To all whom it may concern:

Be it known that I, JOHN G. ALLEN, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented certain new and useful Improvements in Window-Tents; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates more particularly to that class of window tents which consist of a compartment which is arranged to be secured in a window or like opening with the interior thereof arranged to communicate with the open air outside the window or opening so that a person by inserting his head into the interior of the tent may have fresh air to breathe without exposing the body to the open air.

The object of my invention is to provide a window tent that is simple in construction that may be applied to any ordinary window and one which may be folded into a compact bundle and removed when not in use.

In the accompanying drawings, which illustrate my invention and in which similar reference characters indicate similar parts in the several views, Figure 1 is a front view of a window tent, embodying my improvements, placed in position in a window, part of the tent proper being broken away to show the framework on which it is carried; Fig. 2 is a vertical sectional view on the line $x-x$ of Fig. 1 looking as indicated by the arrow; Fig. 3 an enlarged view of the opening in the bottom of the window-tent through which the sleeper inserts his head; and Fig. 4 an enlarged vertical sectional view of the lower strip of the frame of the tent.

1 is the ordinary window casing and 2 a cot or bed which is positioned in front of the window in position to use the window tent. The frame of the window tent comprises the upper and lower frames 3 and 4 which are hinged together as at 5, the said frames being of suitable size to fit, when extended within the window casing 1, and the casing 1 and frames 3 and 4 are provided with interlocking catches 6, whereby the window tent may be secured in position in the window and easily and readily removed. These frames 3 and 4 are provided with

screening 7 to keep out insects from the interior of the window tent and the space intermediate of the frames 3 and 4 is closed for the same purpose by means of a flexible material 8 which is secured to the edge of the upper section 3 and lower section 4.

Hinged onto the upper section 3 as at 9 and arranged to swing to a horizontal position, or at right angles to the frames 3 and 4 is a frame 10 which is entirely open to allow circulation of the air from below said frame to above the same. A flexible covering 11 of canvas, rubber or any suitable material is stretched over said frames so as to form a compartment which is closed on all sides except the side next the window so that the interior of the tent may communicate only with the outer air. This covering 11 is secured as at 12 around the edges of the frames 3 and 4, extends over the frame 10 to which it is secured as at 13, and hangs loosely from said frame, and is provided with a bottom section 14 which is adapted to rest on the bed or cot. This bottom section is arranged to be detachable from the main body portion 11 of the window tent so that it may be removed for washing and is secured to the body portion 11 of the tent in the following manner. Along the lower edge of the body portion 11 are provided a series of loops 22 which are adapted to pass through corresponding eyes 23 in the upper edge of the bottom section and a heavy cord 24 is passed through the loops to hold the said parts together. For detachably securing the edge of the bottom 14 to the frame 4 there is provided a groove 25 in the under face of the lower strip 26 of said frame in which the edge of the bottom 14 is secured and held by means of the cleat 27 which fits in the groove and is held therein by means of screws 28 or other suitable means. The bottom 14 of this tent is furnished with an opening through which the head of the sleeper is inserted, the bottom being divided some distance from said opening so as to permit the sleeper to readily insert his head, and there are provided overlapping flaps 16 which may be buttoned as at 17 closely about the neck of the sleeper. The divided place in the bottom and the arrangement of the flaps closing the same also allows the sleeper to insert his hand into the interior of the tent if desired.

The frames 10 and 4 are hinged to the

frame 3 so that when the window tent is not in use it may be folded up against the upper section 3 into a compact bundle so as to be out of the way, the hinge 9 being arranged so that the frame 10 folds directly against the part 3 and the pivot of the hinge 5 5 distanced from the outer surface of the frames 3 and 4 so as to permit the frame 4 to be folded over and directly against the frame 10 and there are provided hooks 18 on the upper frame 3 and corresponding eyes 19 on the lower frame 4 whereby the window tent can be fastened in its folded condition. As is apparent, the window tent 15 when folded occupies a position in front of the upper sash and is entirely out of the way. However, if desired, the whole of the tent may be removed from the window by releasing the catches 6 on the upper frame.

20 In using the herein described window tent, it is placed in the position shown in Figs. 1 and 2 and the lower sash 20 raised a sufficient distance to supply fresh air to the sleeper in sufficient quantities and the upper sash 21 is lowered so as to provide a vent at the top of the tent for carrying away impure air and provide a circulation to constantly supply fresh air to the sleeper.

What I claim is:

30 1. The combination with a window, comprising the casing, and the upper and lower sash vertically movable in the casing, of a frame mounted in the upper part of the casing inside the sash, a second frame in the lower part of the casing swingably connected with the first mentioned frame and adapted to swing to a position adjacent the first mentioned frame, a tent carried by said frame adapted to cover the entire window, a third 40 frame adapted to project inwardly from the aforesaid frames for holding the tent extended, said last mentioned frame being pivotally mounted to swing to a position alongside the first mentioned frame.

45 2. The combination with a window, of a tent wholly on the inside of and covering the entire window, said tent being closed on all sides except the side next the window and means on the said tent for detachably fastening said tent to the casing of the window.

50 3. The combination with a window, of a folding frame mounted at the inside of the window, a tent carried by said frame adapted to cover the entire window and interengaging means on the folding frame and window casing for detachably securing the tent in the window.

60 4. The combination with a window, of a frame mounted in the upper part of the window, a second frame pivotally connected with the first mentioned frame and adapted to swing from a position in the lower part of the window to a position alongside the first mentioned frame, interengaging parts

on the second mentioned frame and the casing for locking the second mentioned frame in its position at the lower part of the window, a tent carried by said frame covering the entire window and a swinging frame projecting inwardly from the above mentioned frames for holding the tent extended.

70 5. The combination with a window, comprising the casing and the upper and lower sash vertically movable in the casing, of a frame in the upper part of the window inside the sash, interengaging parts on the said frame and casing for detachably securing the frame to the casing, a second frame pivotally connected with the first mentioned frame and adapted to swing from a position at the lower part of the window inside the sash, to a position alongside the first mentioned frame, interengaging parts on the second mentioned frame and the casing for detachably fastening the said second mentioned frame in position in the lower part of the window, a tent carried by said frames covering the entire window, and a frame pivotally mounted to swing from a position at angles to the first mentioned frame, to a position alongside the first mentioned frame for holding the tent extended.

6. A window tent adapted to be secured in a window or like opening, the said tent being closed on all sides except the side next the window, the said tent being provided with a bottom section detachably secured to the main body portion of the tent for closing the bottom of the tent.

7. A window tent adapted to be secured in a window or like opening, the said tent being closed on all sides except the side next the window, a detachable bottom part to said tent, and an opening in said bottom part adapted to permit the insertion of a person's head therethrough.

8. A window tent comprising an awning like top, and side walls depending therefrom together adapted to cover the entire window opening and means for attaching the tent to the window casing so as to leave the sash free to move to open the window at the top and bottom to facilitate air circulation within the inclosure.

9. A window tent comprising an awning like top adapted to be secured to a window casing and when thus secured to wholly inclose the upper portion thereof, side walls dependent from said top closing the lower portion of the window and means for securing the top and side walls to the casing so as not to interfere with the movement of either sash.

10. A device of the character described, comprising an open frame projecting substantially horizontally from a window opening, means for attaching the tent to the window casing in a manner leaving both sash

free to move up and down in the window, and a covering for said frame inclosing the entire window opening.

11. A device of the character described, comprising frame parts adapted to be secured to a window casing without interfering with the movements of the sash therein, and a covering supported on said frame, inclosing the entire window opening.

12. A device of the character described, comprising two frames adapted to be detachably secured to a window casing without interfering with the movements of the sash therein, and foldable one upon another, an awning like top adapted to be secured to said frames, and side walls dependent from said top and adapted to inclose a bed adjacent said window.

13. A window tent comprising an awning like covering for an entire window opening, a frame support therefor and means for attaching the tent to the window without interfering with the movement of the sash therein, whereby the lower sash may be raised and the upper sash lowered to provide ventilation within the inclosure without disturbing the tent.

14. A device of the character described, comprising a frame structure adapted to be secured to the window casing without interfering with the movements of the sash therein, an awning like top detachably secured thereto, and side walls dependent from said top and adapted to inclose a bed adjacent to said window and suitable frame parts secured to the window casing adapted to support the top and side walls in a tent like form.

15. A device of the character described, comprising a frame structure adapted to be secured to a window casing without interfering with the movements of the sash therein, an awning like top adapted to be detachably secured thereto and when thus secured to wholly inclose the upper portion of the window, and side walls dependent from said top and adapted to inclose a bed adjacent to said window and detachably connected with said frame structure.

16. A device of the character described, comprising an open frame surrounding the entire window opening and having frame parts projecting substantially horizontally therefrom, the sash being left free to move within the frame, a covering for said frame, comprising a top and side and bottom walls, the said covering surrounding the entire window opening.

17. A device of the character described, comprising a frame surrounding the entire opening of a window, the sash being left free to move in the latter, an auxiliary frame projecting substantially horizontally therefrom, a covering detachably secured to said frame, comprising a top, side and bottom

walls, adapted to surround the entire window opening.

18. The combination with a window, of a frame mounted in the upper part of the window, a second frame in the lower part of the window, swingably connected with the first mentioned frame, a tent carried by said frames and detachably connected with the said frames, adapted to cover the entire window, and a frame pivotally mounted to extend angularly from the above mentioned frames for holding the said tent extended.

19. The combination with a window, comprising the casing, and the upper and lower sash vertically movable in the casing, of a frame mounted in the upper part of the casing inside the sash, a second frame in the lower part in the casing swingably connected with the first mentioned frame and adapted to swing to a position adjacent the first mentioned frame, a tent carried by said frame and detachably connected therewith adapted to cover the entire window, a third frame adapted to project inwardly from the aforesaid frames for holding the tent extended, said last mentioned frame being pivotally mounted to swing to a position alongside the first mentioned frame.

20. The combination with a window, of a frame mounted in the upper part of the window, a second frame pivotally connected with the first mentioned frame and adapted to swing from a position in the lower part of the window to a position alongside the first mentioned frame, interengaging parts on the second mentioned frame and the casing for locking the second mentioned frame in its position at the lower part of the window, and a tent carried by said frames and detachably connected with said frames covering the entire window and a swinging frame projecting inwardly from the above mentioned frames for holding the tent extended.

21. The combination with a window, comprising the casing and the upper and lower sash vertically movable in the casing, of a frame in the upper part of the window inside the sash, interengaging parts on the said frame and casing for detachably securing the frame to the casing, a second frame pivotally connected with the first mentioned frame and adapted to swing from a position at the lower part of the window inside the sash, to a position alongside the first mentioned frame, interengaging parts on the second mentioned frame and the casing for detachably fastening the said second mentioned frame in position in the lower part of the window, a tent carried by said frames and detachably connected therewith.

22. A window tent comprising tent parts adapted to be secured to a window casing without interfering with the movements of the sash therein, a suitable covering for said

frame work, comprising top, side and bottom walls, and an opening in the bottom wall of just sufficient size to allow the head of the user to be inserted therethrough.

5 23. In a device of the class described, a tent like covering embracing an entire window in a manner to permit the sash to be moved to entirely open or close the respective halves of a window opening, and a
10 suitable foldable frame adapted to support the covering in tent like form and means for securing the tent covering in connection with the window casing.

15 24. A window tent comprising frame parts adapted to be secured to the window

casing, a covering therefor comprising top, side and bottom walls surrounding the entire window opening and means for attaching the tent to the window casing so as to permit the upper and lower sash to be moved 20 to entirely open or entirely close the respective portions of the window they are designed to cover.

In testimony whereof I have affixed my signature, in presence of two witnesses. 25

JOHN G. ALLEN.

Witnesses:

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MARY E. COMEGYS.