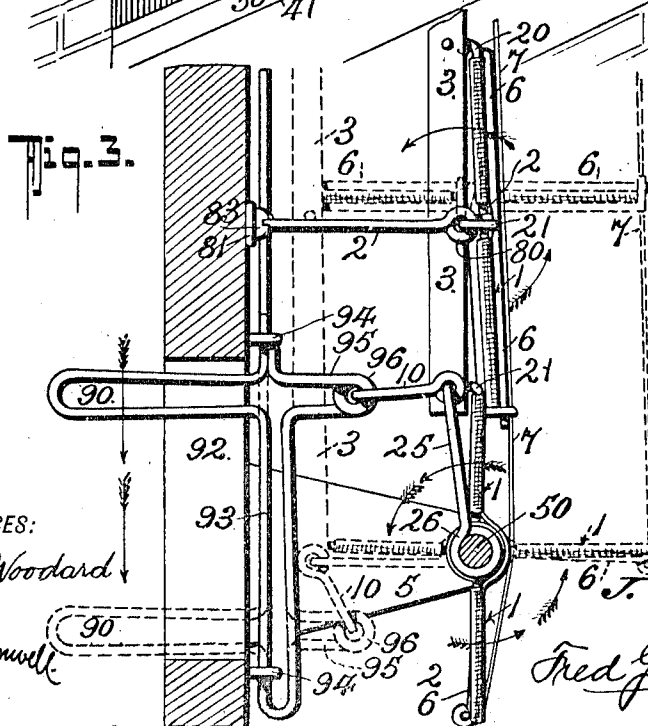
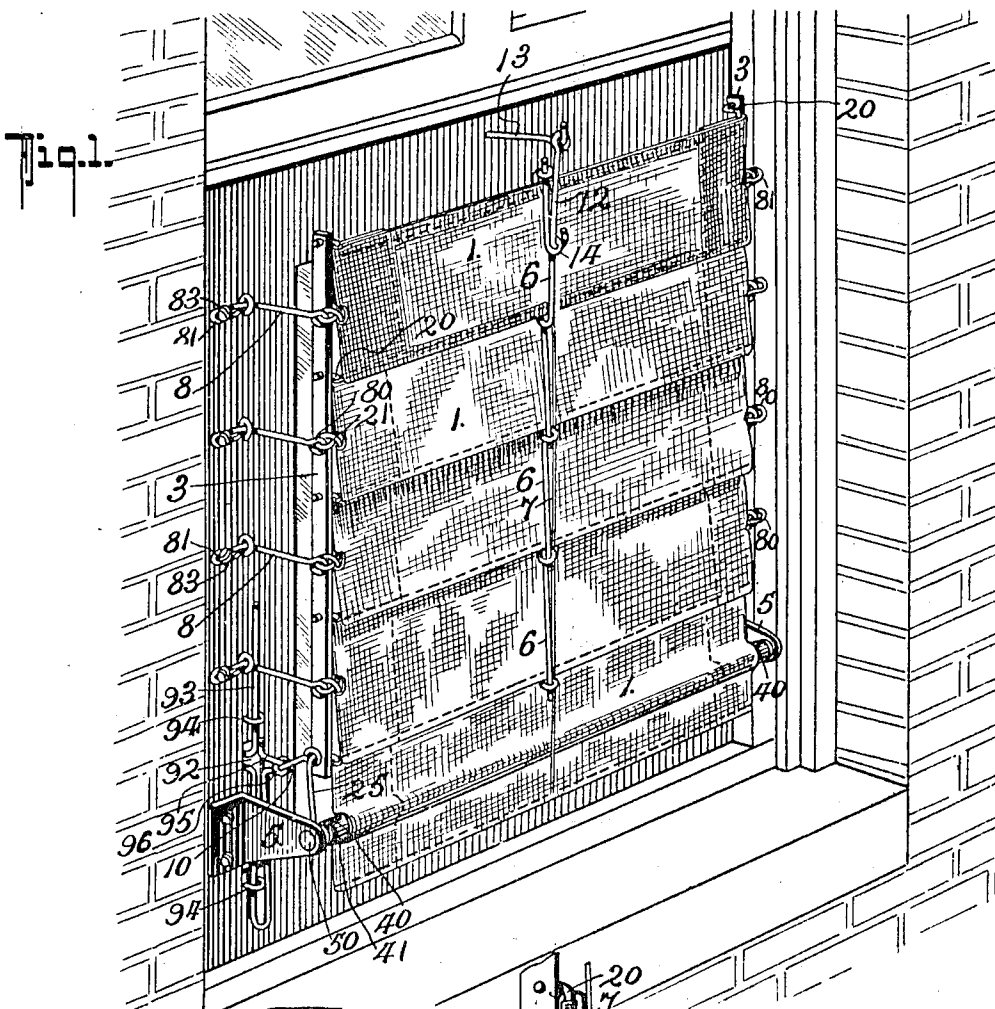


J. A. JACKSON.
 COMBINED AWNING AND WINDOW BLIND.
 APPLICATION FILED DEC. 4, 1911.

1,054,207.

Patented Feb. 25, 1913.

2 SHEETS—SHEET 1.



WITNESSES:

Hayward Woodard
 Robert M. Greenwell

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J. A. Jackson

BY

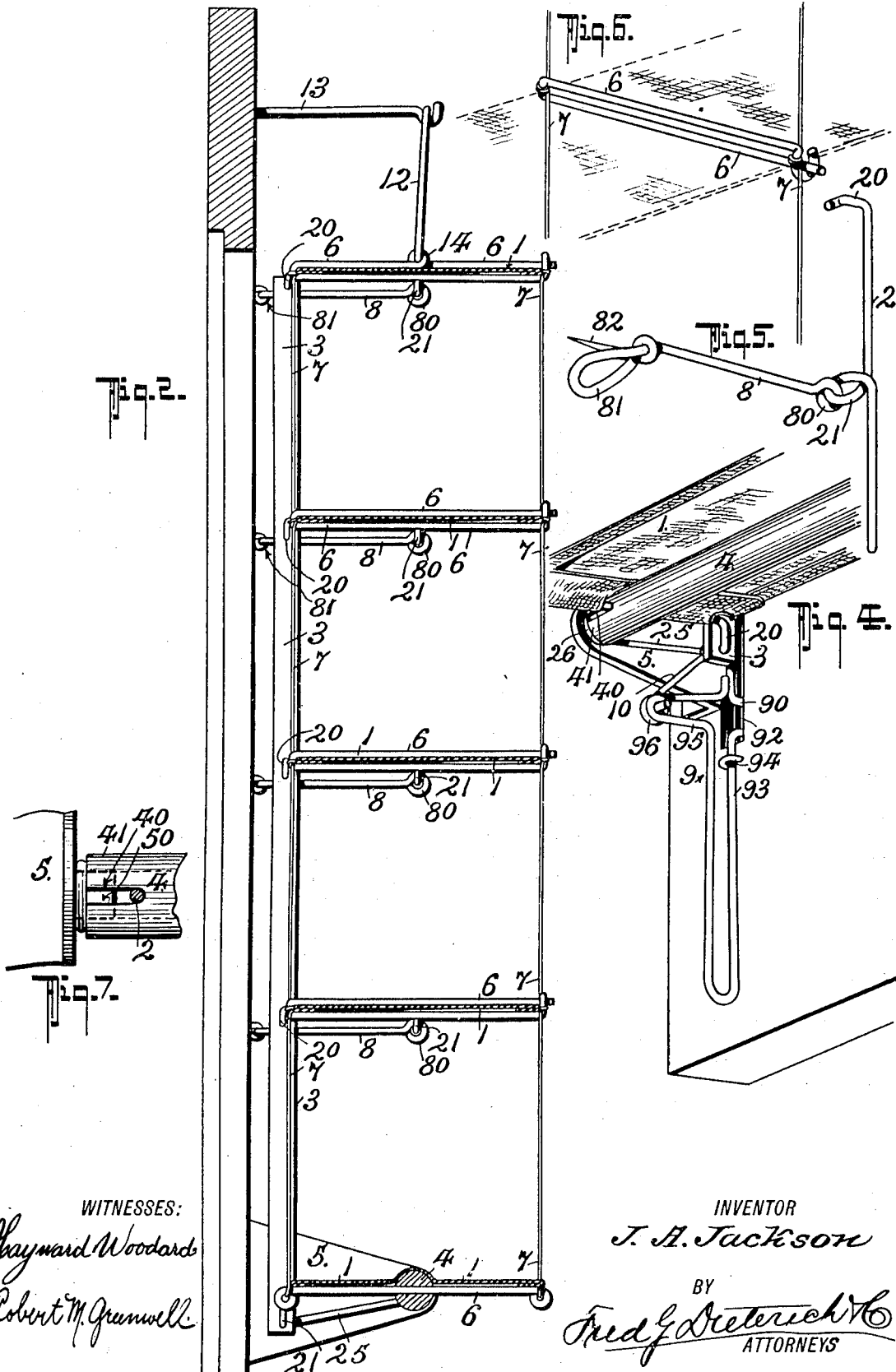
Fred Goetters
 ATTORNEYS

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WITNESSES:
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UNITED STATES PATENT OFFICE.

JACOB A. JACKSON, OF COALINGA, CALIFORNIA.

COMBINED AWNING AND WINDOW-BLIND.

1,054,207.

Specification of Letters Patent.

Patented Feb. 25, 1913.

Application filed December 4, 1911. Serial No. 663,719.

To all whom it may concern:

Be it known that I, JACOB A. JACKSON, residing at Coalinga, in the county of Fresno and State of California, have invented a new and Improved Combined Awning and Window-Blind, of which the following is a specification.

This invention relates to that class of blinds or shutters for windows located either inside or outside of the window, in which the shutter can be readily adjusted from the inside of the room for shutting off the light, more or less, without cutting off the ventilation.

My invention primarily has for its object to provide an improved means of the general character stated, of a simple, economical, and stable construction, that can be readily adapted for use in connection with windows, sleeping or day porches, and for tents and it consists in the peculiar and novel arrangement of the parts hereinafter specifically pointed out in the appended claims and illustrated in the accompanying drawings, in which:

Figure 1, is a perspective view of my invention, the same being shown applied as an outside window awning and blind, the parts being shown in the closed position. Fig. 2, is a vertical section thereof, the parts being shown at their maximum open position. Fig. 3, is a side elevation, parts being in section, of the shifting means for setting the combined awning and blind to the open or closed position, the blind member being shown at a closed position. Fig. 4, is a detail perspective view of parts shown in Fig. 3, the blind member being shown at the open position. Fig. 5, is a detail view of one of the supporting brackets hereinafter referred to. Fig. 6, is a detail view of the central blind carrying members hereinafter described. Fig. 7, is a detail view of one end of the rock shaft and its bearing.

In the practical arrangement, my invention comprises an awning composed of a series of elongated slats or blades 1 of uniform thickness and weight, and preferably made of heavy canvas, although they may be of light wood or sheet metal. These slats are separately supported at a uniform distance apart, and for such purpose each slat has a stiffener rod 2 held in the hem at each end thereof, the said rod being preferably a stout galvanized iron rod, one end of which is bent to form a crank 20 and

midway its length is bent to form an eye 21, as best shown in Fig. 5. The cranks 20 of each rod 2 are pivotally mounted in side bars 3 hereinafter termed the connecting bars, since each bar connects with all of the stiffener rods 2, at their respective ends of the blades. The lowermost blade is mounted on a rock shaft 4. The stiffener rods 2 for the said lower blade are straight and pass through slots 40 in the hollow ends 41 of the shaft, see Fig. 7, which also shows a stud 50 that extends laterally from one of the main supporting brackets 5 fastened to the window casing, as shown, it being understood the casing may be a screen casing, a porch framing or a rectangular frame secured in the wall of a tent. All of the blades carry a central stiffener 6 which for all of the blades, except the lower, is a wire rod, bent upon itself with its free ends interlocked, see Fig. 6. The stiffener 6 for the lower blade is a stiff rod that passes transversely through the rock shaft.

7 designates a cord, or other flexible connection, that joins all of the central stiffeners 6. When the blades are short the stiffeners 6 may be omitted.

8 designates supplemental brackets, each of which is bent up from a stout rod and has one end formed into an eye 80 that forms the bearing for the eyes 21 of the stiffener rods 2, the other end being bent to form a foot loop 81 that terminates in a prong 82 for being driven into the casing, where it is held secure by the screws 83 that pass through the loop 81, as shown.

9 designates a shifting lever formed of a stout wire bent upon itself to form a finger loop 90 that extends through and rides in a slot 92 in the casing (see Fig. 3). It is also bent to form guide members 93 that ride in upper and lower guide eyes 94 on the outside of the casing, and into a crank portion 95 that has an eye 96 for receiving a link 10 that pivotally connects with the crank end 21 of the adjacent stiffener rod 2 on the lower blade which is extended and bent back to form a link 25 that terminates in an eye 26 hinged upon the stud bearing for the adjacent end of the lower blade.

12 designates a hanger link that is suspended from an upper bracket rod 13, and joins with an eye 14 formed in the central stiffener rod for the upper blade.

From the foregoing description taken in connection with the drawings, the complete

construction, the manner in which my invention is adjusted for use and its advantages will be readily apparent to those skilled in the art to which it appertains.

5 When it is desired to open the blind, the operator pushes the finger loop downwardly, which through the link and crank connections shown and described, swings the connecting bars 3 inwardly and in doing so, by
10 reason of the said rods being pivotally joined with one edge of the blades, causes the blades to swing on the stationary axial pivots to the open position, see Fig. 2, it being obvious that by pushing the finger
15 loop upwardly the connecting bars are swung out to the position shown in Fig. 2 thereby causing the blades to close, the amount of closure depending on the movement of the finger loop and the bars 3.

20 What I claim is:—

1. A combined awning and blind, comprising a series of horizontal supports projected from the window casing, a series of transversely disposed blades one for each
25 set of supports, the said blades being axially mounted in the said supports, a connecting bar for said blades, said blades having crank members that pivotally engage with said connecting bar and means controllable from
30 the outside of the casing for shifting said connecting bar whereby to swing the blades to their open or closed position.

2. In a combined awning and blind, a series of blades, a series of outwardly projecting supports, one for each end of each blade, to which the said blade ends are axially pivoted, a connecting bar for the ends of
35 all of the blades, a crank member separates from the blade pivots on one edge of each blade that pivotally join with said connecting bar, and a means operable from the inside of the casing to which the awning and blind is attached reciprocally movable in
40 the casing and a link connection that joins the reciprocable means with the lower end of said connecting bar.

3. In a combined awning and blind, a set of brackets arranged in opposite pairs to project laterally from the blinds and having
50 means for attaching to the window casing,

a series of blades having central bearings for pivotally connecting with each pair of the brackets, a crank member for each blade, a bar connecting all of the cranks, a slide rod including slide members, means for guiding
55 the said slide members and a link connection between said slide rod and one of said crank members, all being arranged substantially as shown and described.

4. In an awning and blind attachment for
60 window casings and the like, a series of flexible blades, a stiffener rod in each end of each blade, said rods each having one end bent to form a crank and bent midway to form an eye, supporting brackets on the
65 casing with which the said eyes pivotally join, a bar for each end of the series of blades connectible to the crank thereof at their respective blade ends, and a means operable from the inside of the casing for
70 reciprocally swinging the bars whereby to open and close the blades.

5. In a combined awning and blind, a set of blade supports, a set of blades having central bearings to pivotally sustain said
75 blades in said supports, a stiffener rod in each end of each blade, each of said rods having a crank member, and a connecting bar connecting the crank members to the respective blades, and means for operating
80 said connecting bar to turn said blades on their pivots.

6. In a combined awning and blind, a set of projecting blade supports and blades pivotally mounted therein, means connecting
85 said blades together to turn in unison, and means for imparting motion to said blades to turn them, said last named means including a slide rod bent upon itself to form a finger piece, said slide rod also including
90 slide members, guides for said slide members, a projecting arm carried by said slide rod, and a link connection between said slide rod and said blade operating means, all being arranged substantially as shown and de-
95 scribed.

JACOB A. JACKSON.

Witnesses:

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