No. 673,810. Patented May 7, 1901.

G. M. YANCEY.

PINEAPPLE SHED.

(Application filed July 22, 1899.).

(No Model.)

Fig. 1.

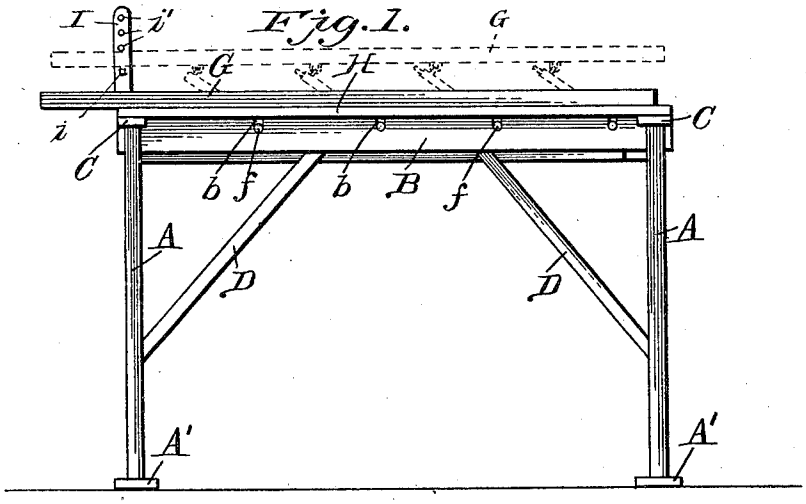


Fig. 2.

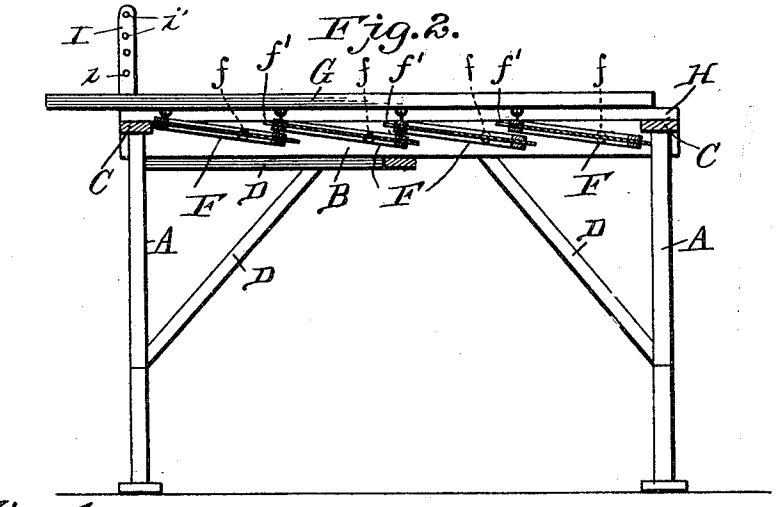


Fig. 4.

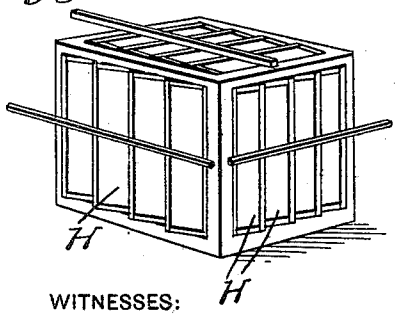


Fig. 3.

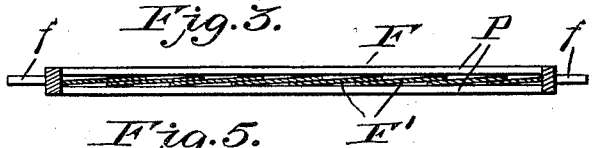
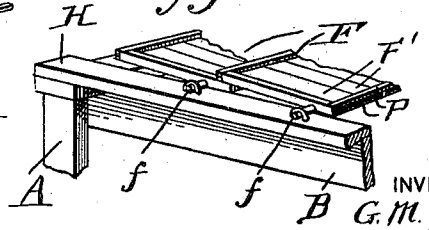


Fig. 5.



WITNESSES:

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GARLAND M. YANCEY, OF ORLANDO, FLORIDA.

PINEAPPLE-SHED.

SPECIFICATION forming part of Letters Patent No. 673,810, dated May 7, 1901.

Application filed July 22, 1899. Serial No. 724,845. (No model.)

To all whom it may concern:

Be it known that I, GARLAND M. YANCEY, a citizen of the United States, and a resident of Orlando, in the county of Orange and State of Florida, have invented certain new and useful Improvements in Pineapple-Sheds; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a side elevation of the invention. Fig. 2 is a central vertical longitudinal section of same. Fig. 3 is a longitudinal section of one of my preferred shutter-slats. Fig. 4 is a perspective view showing the sides of my shed also provided with shutters. Fig. 5 is a fragmentary perspective view of one corner of my shed.

This invention is designed to provide a shed of improved character for the protection of pineapple and other growing plants from frost and sun; and it consists in the novel construction and combination of parts, all as hereinafter described, and pointed out in the appended claims.

Referring to the accompanying drawings, the letter A designates upright supporting-posts. In this instance four of these posts are shown, one at each corner; but it is obvious that intermediate posts may be employed if the structure be made of sufficient length to require them. These posts support at their upper portions the longitudinal plates B and the cross bars or beams C.

D designates braces by means of which the structure is made rigid.

The plates B are formed at their upper edges with seats *b* to receive the journals *f* of a series of transverse slats F, which compose the roof of the structure and which are loosely connected by a bar G, whereby said slats may be simultaneously actuated to open or close them. The slats are held to their seats *f* by means of cap-pieces H, and the said cap-pieces are fastened to the plates B from one end to the other securely to prevent said plates B from bending, which bending would prevent the easy working of the slats F. The cap-pieces H also project over the plates B one inch, more or less, as desired, to counteract any warping that may possibly occur in the said plates. The sides of the shed may also be provided with shutters or slats F in the same manner as the top or roof, so that when open the air may circulate freely among the vegetation when desired. It will be noticed that by manipulating the bars G one can give the growing plants under this shed all the air and sun from the top and sides that are needed or as little as one may desire, and when closed substantially all air and sunlight are excluded.

I use the shutter-slat shown in detail in Figs. 3 and 5, which is composed of overlapping transverse pieces or leaves F′. These leaves are clamped at their ends between the lateral bars *p*, beyond which they extend in both directions, and the slat is completed by end bars carrying the studs or journals *f*. This construction is strong and durable and largely prevents warping.

The posts A may be provided with broad bases or feet A′ to give them a secure bearing on the ground on which they rest and to prevent rotting.

The sheds may be either fixed or of light portable character, whereby they can be readily moved from place to place.

The journal *f* of each shutter-slat is preferably arranged to one side of the center of gravity of the shutter, as shown, and a suitable catch *i*, engaging a series of apertures *i′* in bar I, may be provided to maintain the slats, when opened, at any inclination.

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

1. A protecting-shed for plants having one or more of its walls composed of a series of pivoted slats, each of which slats consists of a series of thin overlapping sections or leaves, upper and lower clamping-bars engaging the end portions of said leaves, which extend at both ends thereof beyond said bars, and end bars connecting said clamping-bars, said slats being arranged to have the clamping-bars thereof abut when closed, substantially as specified.

2. In a protecting-shed for plants, a series of pivoted slats eccentrically pivoted to auto-

matically close through force of gravity when released, an operating-rod for said slats, and means for regulating the degree of closure of said slats, substantially as specified.

3. A slat for the purpose described, consisting of a series of thin overlapping sections or leaves, upper and lower clamping-bars engaging the end portions of said leaves, which extend at both ends thereof, beyond said bars, and end bars connecting said clamping-bars, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

GARLAND M. YANCEY.

Witnesses:
W. R. O'NEAL,
F. A. CURTIS.