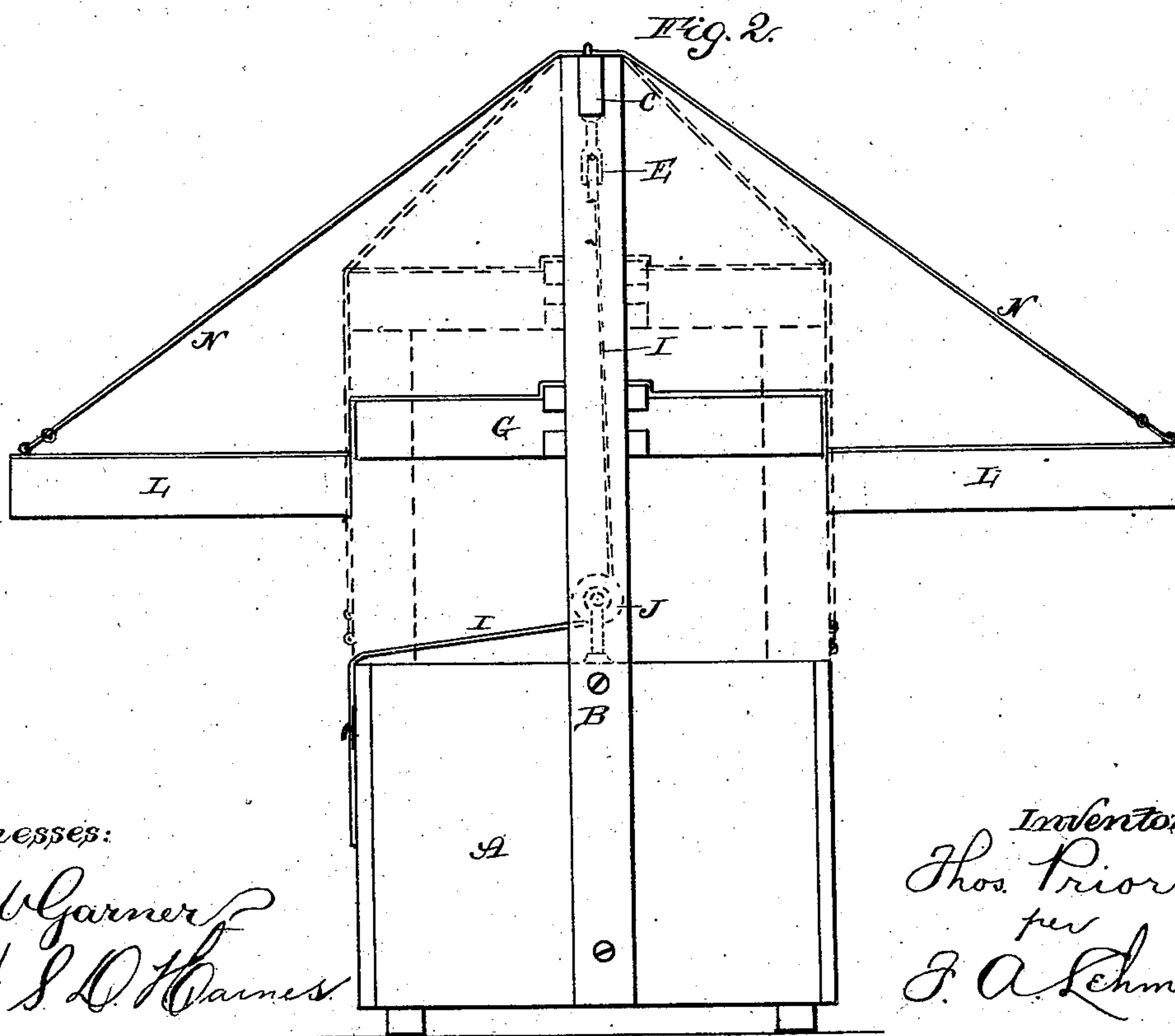
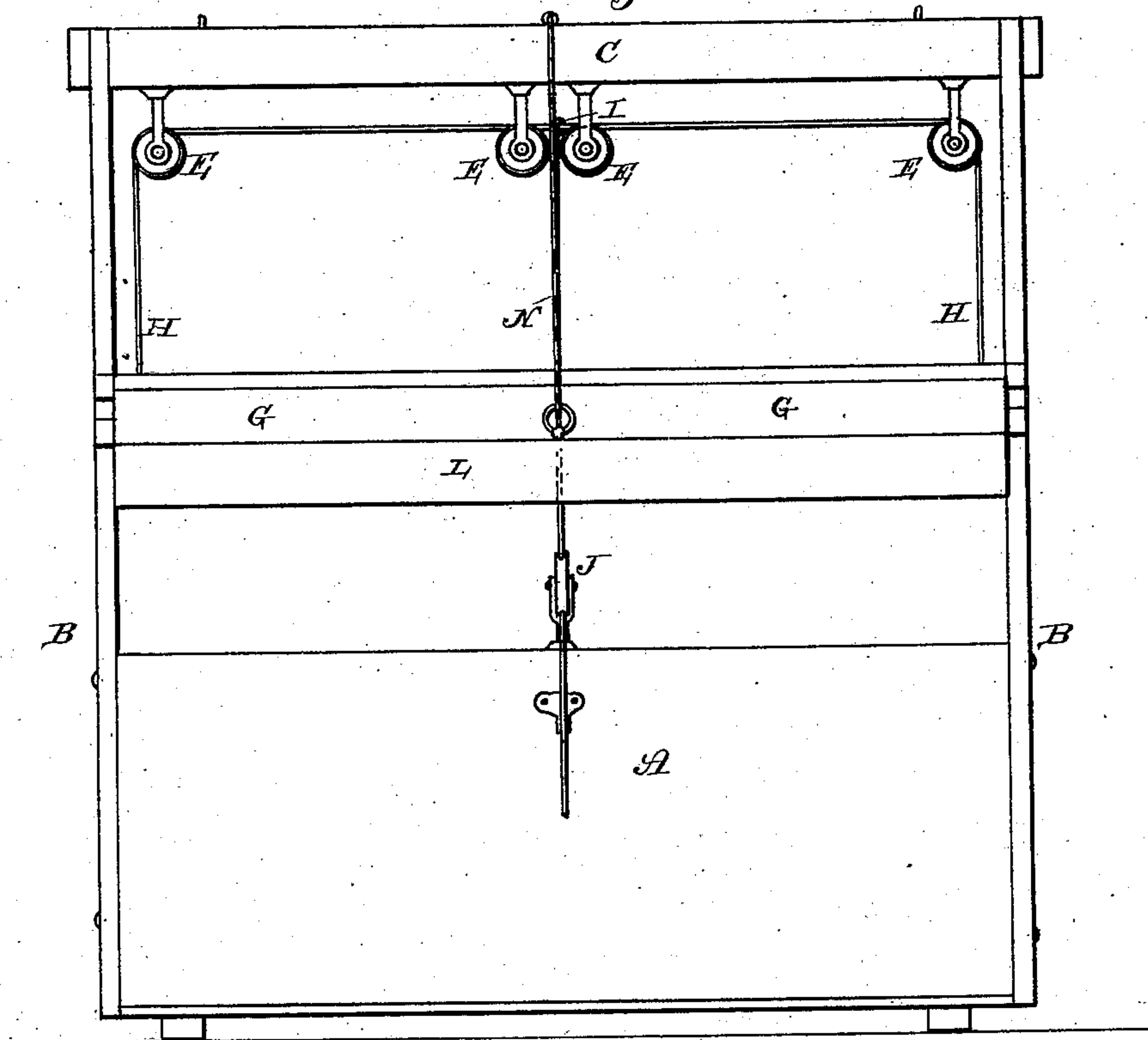


(No Model.)

T. PRIOR.
SHADE FOR HOP BOXES.

No. 294,332.

Patented Feb. 26, 1884.



Witnesses:

J. W. Garner
W. S. D. Barnes

Inventor:
Thos. Prior,
per
J. A. Lehmann, atty

UNITED STATES PATENT OFFICE.

THOMAS PRIOR, OF WESTMORELAND, NEW YORK.

SHADE FOR HOP-BOXES.

SPECIFICATION forming part of Letters Patent No. 294,332, dated February 26, 1884.

Application filed August 31, 1883. (No model.)

To all whom it may concern:

Be it known that I, THOMAS PRIOR, of Westmoreland, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Shades for Hop-Boxes; and I do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in shades for hop-boxes; and it consists in the combination of the box with suitable standards secured to opposite ends, a cross-beam which connects the upper ends of the two standards, and which is provided with pulleys or guides, the folding and adjustable shade, and suitable cords for raising and lowering the shade, all of which will be more fully described hereinafter.

The object of my invention is to produce a shade for hop-boxes which can be raised and lowered, and which can be closed in such a manner that the box can be moved freely back and forth between the rows of hops.

Figure 1 is a side elevation of a shade embodying my invention. Fig. 2 is an end view of the same.

A represents an ordinary hop-box, to opposite ends of which are secured the two standards B. The upper ends of these standards are connected together by the cross-bar C, to the under side of which are secured the guiding-pulleys E. The shade is made in three sections, the central one, G, of which slides freely up and down upon the two standards, and is prevented from having any lateral movement by means of guides, which project from opposite ends of the part G and catch against the edges of the standards. To opposite ends of this part G are secured the cords, wires, or chains H, which pass up over the guiding-pulleys, and to the center of which is secured a second cord, wire, or chain, I, which passes

down through the center of the part G, under the guiding-pulley J, and is fastened to any suitable catch or holding device that is attached to the side of the box. This cord J serves to hold the shade at any desired height at which it may be adjusted. To opposite edges of this part G are hinged the parts L, which extend out beyond the edges of the box far enough to protect the persons picking at the box from the sun. These two parts are hinged, and are adapted to be closed into a vertical position, as shown, so that the shade will not extend out to any great distance beyond the edge of the box, and thus enable the box to be moved freely back and forth in between the rows of hops. Secured to the outer edges of these parts L is a suitable cord, N, which is fastened upon the top of the cross-beam, so that when the central part, G, of the shade is lowered these strings, cords, or chains will serve as checks to prevent the parts L from descending past a certain point. These cords or chains, being attached to the parts L at their outer edges, always regulate the angle at which the parts H shall stand. When the central part, G, is raised, the outer parts, H, are allowed to drop down at an angle, or to stand in a vertical position, so as to form continuations of the edge of the box up as high as the top of the part G.

Having thus described my invention, I claim—

The combination of a hop-box, the uprights B, the cross-beam C, a shade which is made of the three parts G L hinged together, the cords N, and a mechanism for raising and lowering the shade upon the standards, substantially as shown and described.

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

THOMAS PRIOR.

Witnesses:

JAMES E. McCABE,
BENJAMIN F. LIBBEY.