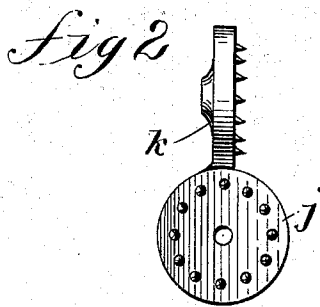
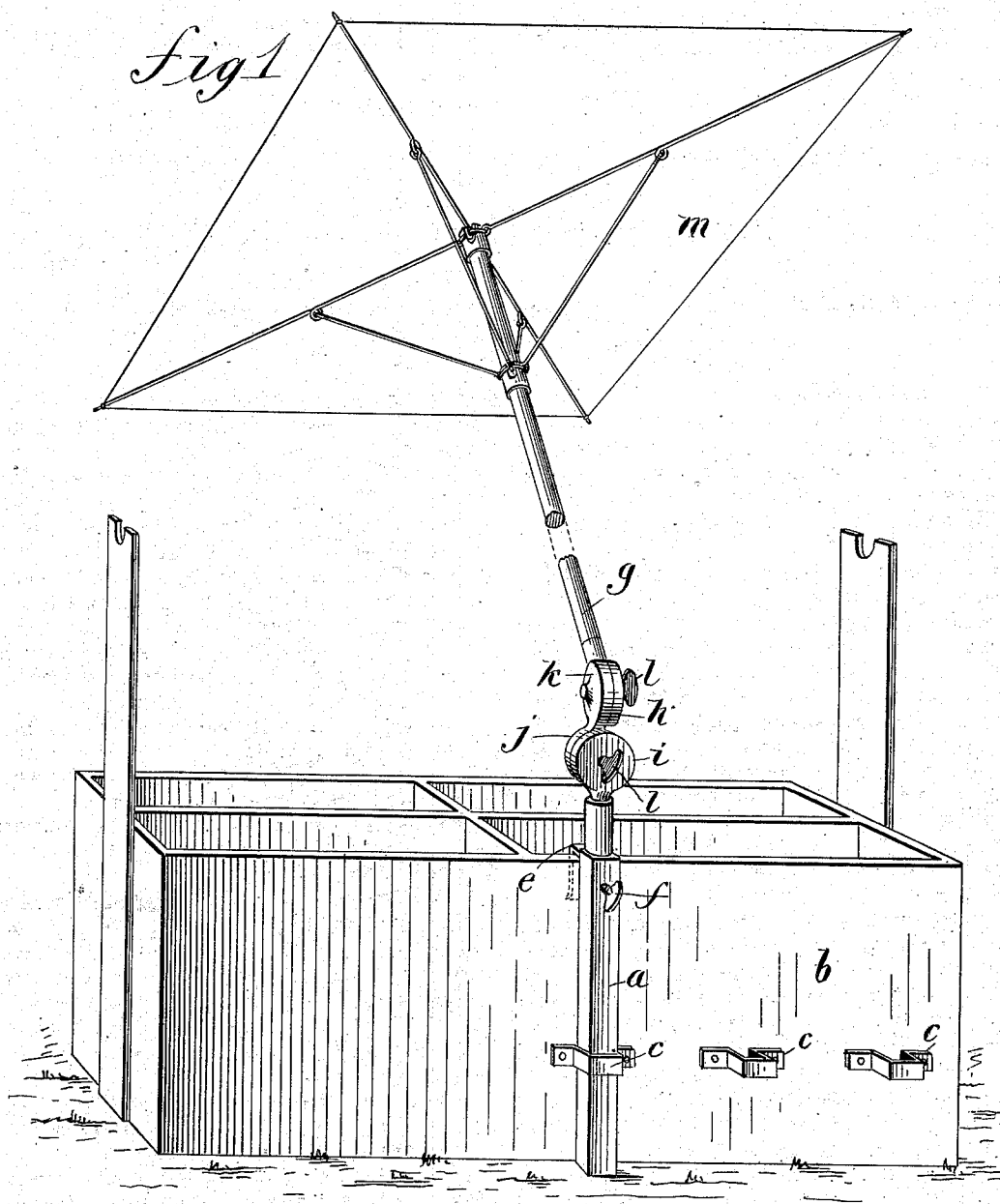


(No Model.)

J. ENGLE, Jr.
AWNING FOR HOP PICKERS.

No. 276,791.

Patented May 1, 1883.



WITNESSES:
J. D. Garfield
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UNITED STATES PATENT OFFICE.

JACOB ENGLE, JR., OF SHARON CENTRE, NEW YORK.

AWNING FOR HOP-PICKERS.

SPECIFICATION forming part of Letters Patent No. 276,791, dated May 1, 1883.

Application filed January 24, 1883. (No model.)

To all whom it may concern:

Be it known that I, JACOB ENGLE, Jr., of Sharon Centre, in the county of Schoharie and State of New York, have invented a new and Improved Awning for Hop-Pickers, of which the following is a full, clear, and exact description.

My invention consists of a folding and extensible sunshade of simple construction, and preferably of square form as to the cover, having a staff adapted to be fastened to the side of the hop-box, and being provided with a universal joint above the part for attachment to said box, which, being connected to the box for a support, and so that it may be shifted from place to place on the box, affords a simple, efficient, and very comfortable protection for the pickers from the sun, that may be readily shifted around as the sun advances, all as hereinafter fully described.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of my improved awning for hop-pickers applied to the box in which the hops are deposited for a support, and Fig. 2 represents an elevation of part of the universal-joint device of the staff.

a represents the lower section of the staff, which is preferably made square to be connected in part to the side of the hop-box *b* by a plate-staple, *c*, which, besides holding it thereto, will prevent it from turning. The said part *a* extends a short distance above the top of the box, and is connected thereto by a hook, *e*, and a binding-screw, *f*, to screw it firmly. At the top of this part *a* of the staff the lower

end of the upper section, *g*, of the staff is connected by a universal-joint contrivance, consisting of the clamp devices *h i* on the said parts of the staff, and the double clamp-disk device *j k*, and clamp-screws *l*, by which it will be seen the upper section of the staff may be shifted about to follow the sun. The upper section, *g*, has the cloth cover *m*, with the usual extensible and folding frame of sunshades.

I propose to apply as many of the plate-staples *c* to the box as may be required for enabling the shade to be shifted to the different parts of the box as may be needed.

I do not limit myself to the particular form of universal joint which I have herein represented, for a ball-and-socket joint and other equivalent contrivances may be used.

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

1. An awning or sunshade for hop-pickers, having its staff made in two parts, *a g*, connected together by a universal joint, the lower section, *a*, being square to adapt it to enter staples on the side of a box, and provided with the hook *e* and binding-screw *f* at its upper end, substantially as herein shown and described.

2. The combination, with a box provided with a series of staples, *c*, of the staff *a g*, connected together by the universal joint *h i j k l*, and provided with the hook *e* and binding-screw *f*, substantially as herein shown and described.

JACOB ENGLE, JR.

Witnesses:

DE WITT BEST,
ELLA ENGLE.