

W. H. EDWARDS & M. C. BOALS.

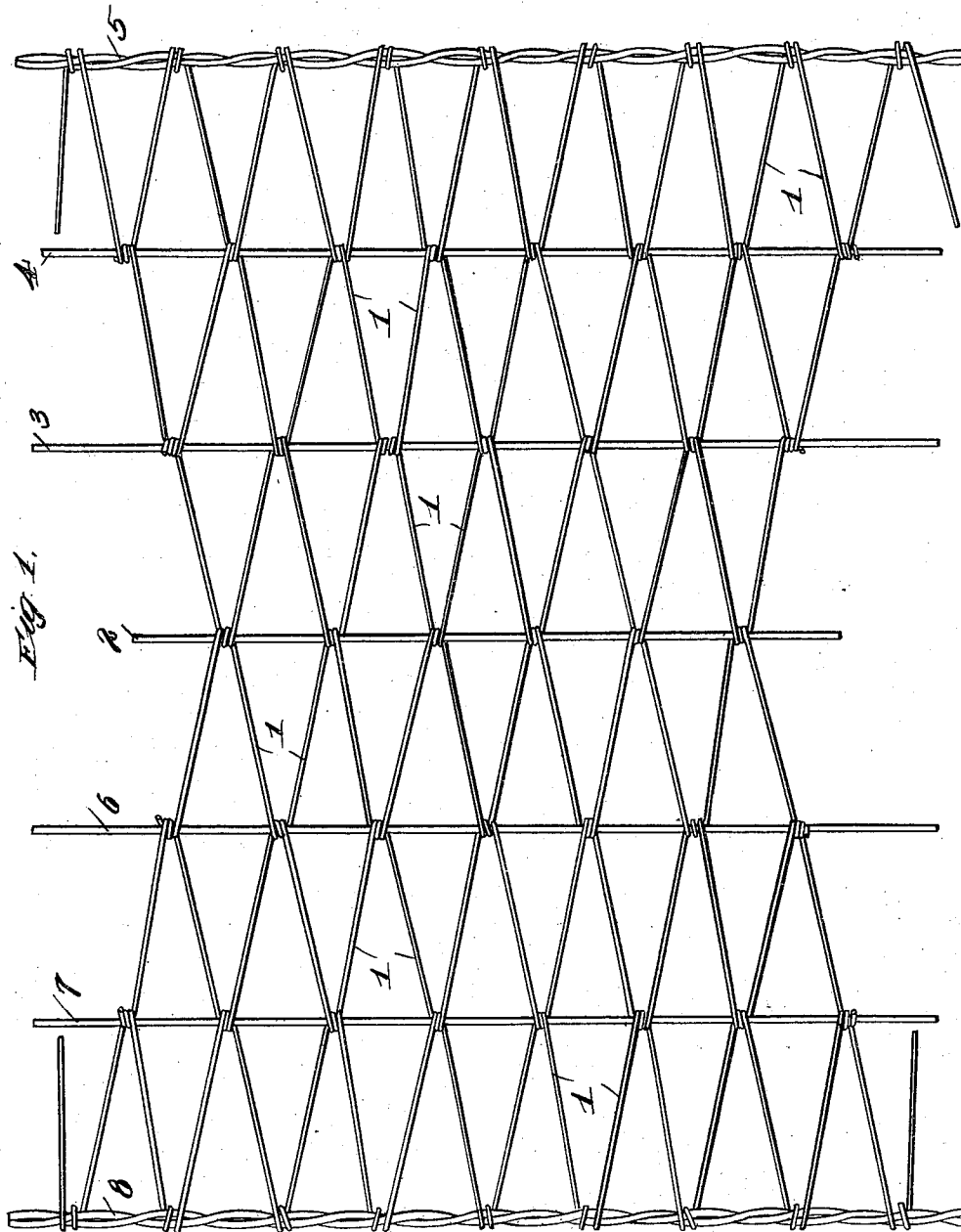
ORCHARD HEATER.

APPLICATION FILED JAN. 31, 1910.

966,670.

Patented Aug. 9, 1910.

2 SHEETS—SHEET 1.



Witnesses:

*W. A. Paulschmitt*  
*R. R. Satterthwaite*

Inventors:

*William H. Edwards*  
*Melville C. Boals*

By *L. L. Worthington*  
*Att'y*

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2 SHEETS—SHEET 2.

Fig. 2.

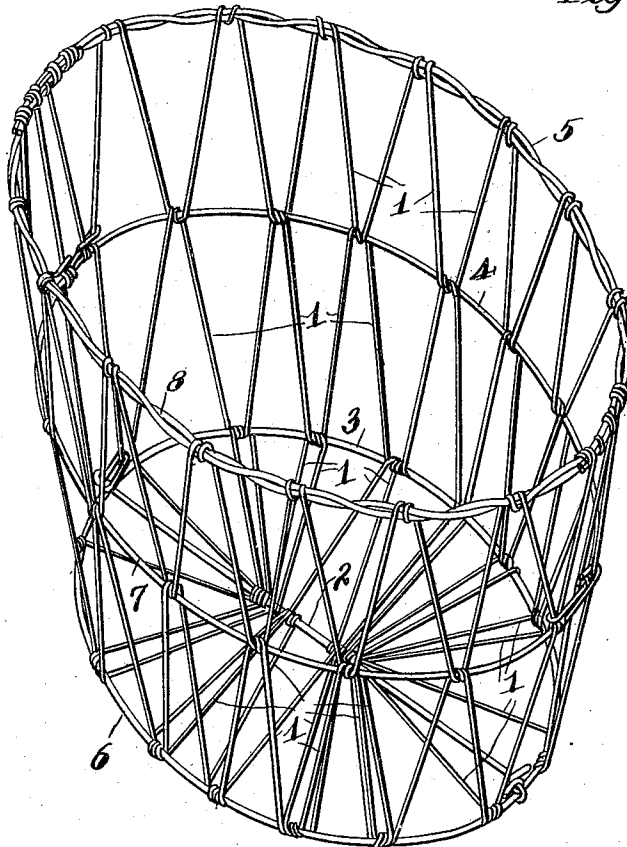


Fig. 3

Witnesses:

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# UNITED STATES PATENT OFFICE.

WILLIAM H. EDWARDS AND MELVILLE C. BOALS, OF PALISADES, COLORADO.

## ORCHARD-HEATER.

966,670.

Specification of Letters Patent.

Patented Aug. 9, 1910.

Application filed January 31, 1910. Serial No. 541,187.

### *To all whom it may concern:*

Be it known that we, WILLIAM H. EDWARDS and MELVILLE C. BOALS, citizens of the United States of America, residing at Palisades, in the county of Mesa and State of Colorado, have invented certain new and useful Improvements in Orchard-Heaters, of which the following is a specification.

Our invention relates to a new and useful article of manufacture, fashioned and constructed from a skeleton web of wire; and its object is to provide a convenient and serviceable receptacle wherein to burn coal or other fuel for the purpose of heating the atmosphere of orchards to prevent injury to blossoms and fruit on the trees thereof; and it consists of certain new and useful features of construction hereinafter fully described and specifically pointed out in the claim appended hereto.

Referring to the accompanying drawings which form a part of this specification, Figure 1 is a plan view of the heater, cut from a skeleton web of wire and ready to be fashioned into the completed article. Fig. 2 is an isometrical detailed view of the completed heater. Fig. 3 is an enlarged sectional detailed view, showing the means whereby the ends of the web composing the heater are connected to form the completed heater.

Like figures of reference indicate corresponding parts throughout the several views.

After the heater has been blanked out of the skeleton web, Fig. 1, the transverse wires 1 are forced inward along and toward the middle point of the center strand-wire 2, of the parallel strand-wires 2, 3, 4, 5, 6, 7 and 8 thereof to the positions shown in Fig. 2. The sides of the structure are then turned nearly vertically upward, to the positions

shown in Fig. 2, from the strand-wires 3 and 6. The adjacent ends of the strand-wires of the side-portions of the structure are then overlapped and fastened securely together, by bending, interlocking and wrapping the same, in substantially the manner clearly indicated in Fig. 3.

The heater may have suitable kindling material placed in the bottom thereof and then be filled, preferably, with soft coal, but obviously wood or any other suitable fuel may be substituted for soft coal.

The heater is very light, strong and comparatively inexpensive, and will last for six or eight seasons with proper care.

What we claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, the herein-described integral structure cut, fashioned and formed from a skeleton web of wire, having the transverse wires thereof pressed inward along and toward the middle point of the center strand-wire of the parallel strand-wires of the same, the sides thereof being turned upward from the strand-wires adjacent to the central strand-wire of the structure and the corresponding ends of all the strand-wires composing the sides thereof being overlapped and fastened securely together by bending, interlocking, and wrapping the same together, substantially as described and for the purpose specified.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

WILLIAM H. EDWARDS.  
MELVILLE C. BOALS.

Witnesses:

JOHN F. HALDERMAN,  
L. L. MORRISON.