

O. S. RYERSON.
 CORN POPPER.
 APPLICATION FILED MAR. 20, 1912.

1,064,011.

Patented June 10, 1913.

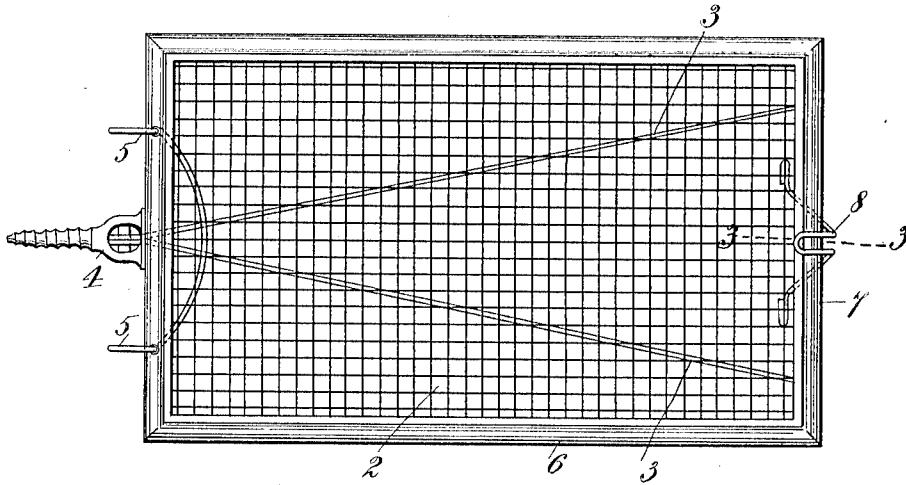


Fig. 1.

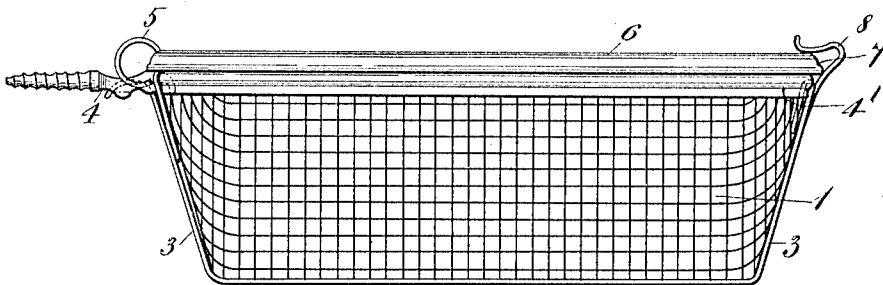


Fig. 2.

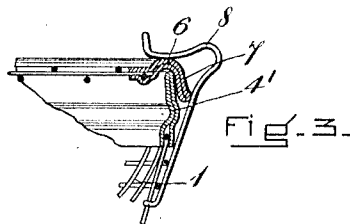


Fig. 3.

WITNESSES=
 E. B. Tomlinson.
 Patrick J. Conroy.

INVENTOR:
 Oscar S. Ryerson
 by Browne & Woodward
 Atty.

UNITED STATES PATENT OFFICE.

OSCAR S. RYERSON, OF WORCESTER, MASSACHUSETTS.

CORN-POPPER.

1,064,011.

Specification of Letters Patent.

Patented June 10, 1913.

Application filed March 20, 1912. Serial No. 684,983.

To all whom it may concern:

Be it known that I, OSCAR S. RYERSON, a subject of the King of England, and a resident of Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Corn-Poppers, of which the following is a specification.

My invention relates to corn-poppers and its object is to improve the construction thereof in the manner hereinafter set forth.

My invention will be described in connection with the drawings which accompany and form a part of this specification and in which—

Figure 1 is a plan view of my improved corn-popper, Fig. 2 is a side view thereof and Fig. 3 is a fragmentary view, partly in section, taken on the line 3 in Fig. 1.

In the particular drawings selected for more fully disclosing my invention, 1 represents the body portion of the corn-popper formed of wire mesh, and 2 is the cover thereof which, as shown, may be similarly constructed of wire mesh, or, if preferred, may be of sheet metal. The body portion may be strengthened by the stay-wires 3, which as shown, are secured at one end to the screw 4 and extend diagonally down the rear end and across the bottom of the body portion, terminating at their other end in the metallic binding 4. The cover 2 is hinged to the wire loops 5 secured in the metallic binding at the rear end of the device. The upper edges of the body are reinforced by the corrugated metallic binding 4 which consists of a folded metal strip compressed on the wire mesh. This binding is corrugated for the purpose of strengthening the body portion. The edges of the cover, whether of wire mesh or sheet metal, are provided with similar corrugated metallic binding 6 provided with a down-turned flange 7 adapted to fit over the upper edges of the body portion. As shown in Fig. 3, said flange extends below the upper edges of the body portion and fits against the outer faces thereof.

When the cover is closed, a latch 8 of spring wire secured to the front of the body may be employed to keep the same in place, so that the upper edges of the body portion are held securely in the groove formed in the corrugated edge of the cover. Heretofore devices of this character have been provided with hinged covers which merely rest over the upper edges of the body and which do not perform the function of strengthening the structure. However, by corrugating the metallic binding and providing the cover binding with the cooperating downwardly extending flange 7 above referred to, the device which being made of wire mesh is naturally somewhat elastic, is thereby made practically as rigid as though constructed of solid material.

It will be understood that various changes may be made in the particular device described and illustrated without departing from the spirit of my invention.

I claim:

A corn popper having a dish-shaped body portion formed of wire mesh, a flat cover hinged thereto, a binding for the upper edges of the body portion comprising a strip of sheet metal folded over upon itself and compressed on the wire mesh, said folded strip being fluted or corrugated in a direction parallel with its length and provided above such corrugation with an upstanding rim, and the cover having a sheet metal binding similarly secured to the edges thereof, said last mentioned binding having a groove into which the upper edge of said rim fits, and also being provided with a peripheral, downwardly extending flange adapted to overlap and snugly embrace said rim, whereby the rigidity of the structure is increased.

In testimony whereof I have hereunto subscribed my name this 26 day of Feb. 1912.

OSCAR S. RYERSON.

Witnesses:

LEROY B. SPENNEG,
MARY C. ASSELT.