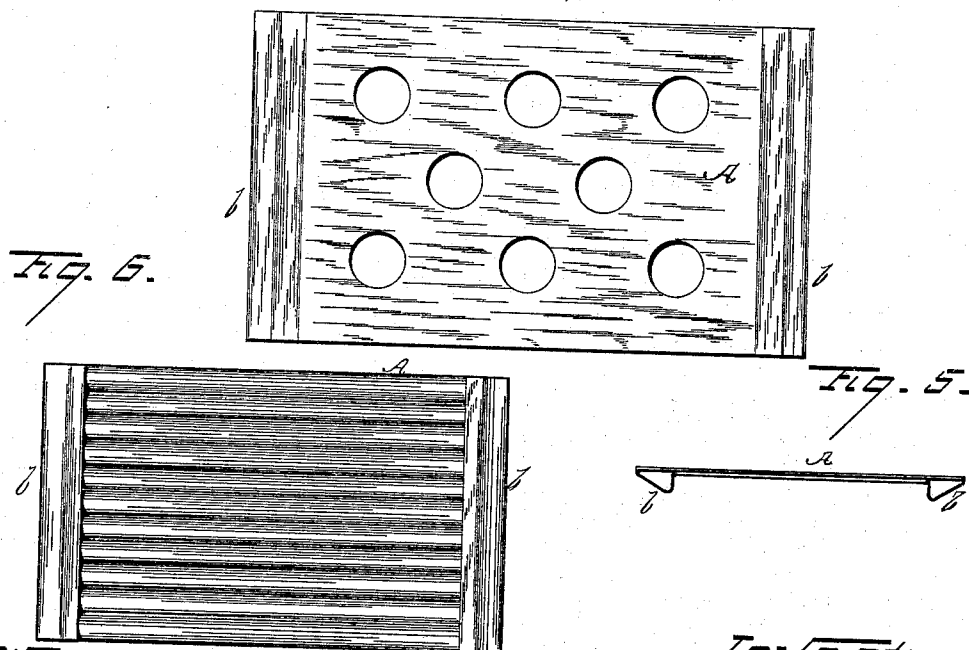
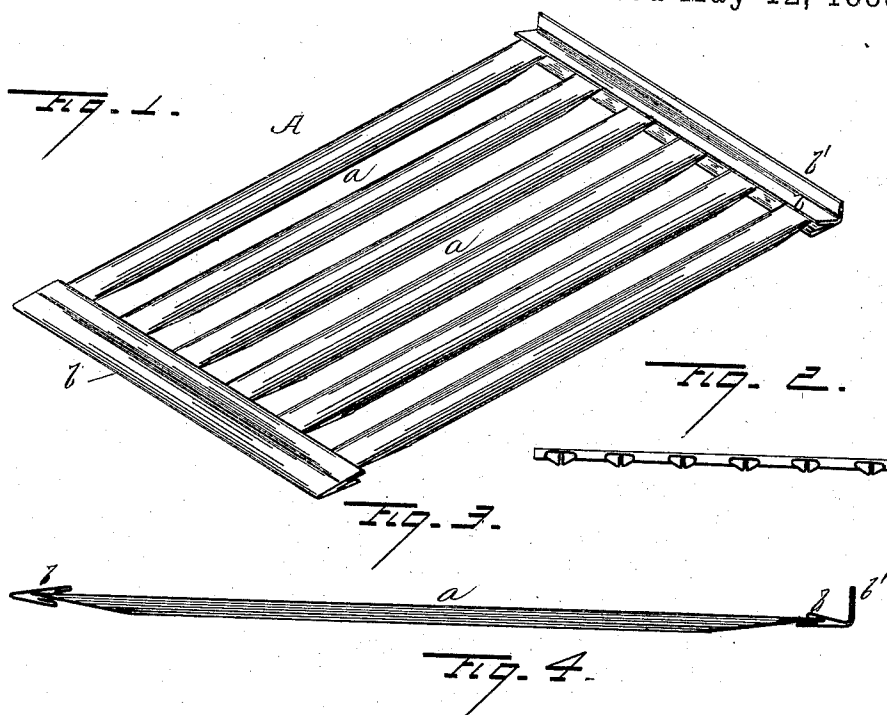


(No Model.)

I. OSGOOD.
RACK FOR REFRIGERATORS.

No. 317,845.

Patented May 12, 1885.



Witnesses

A. S. Paré.

W. C. McArthur

Inventor

Isaac Osgood

per.

H. Harrison

Attorney

UNITED STATES PATENT OFFICE.

ISAAC OSGOOD, OF CHICAGO, ILLINOIS.

RACK FOR REFRIGERATORS.

SPECIFICATION forming part of Letters Patent No. 317,845, dated May 12, 1885.

Application filed January 7, 1885. (No model.)

To all whom it may concern:

Be it known that I, ISAAC OSGOOD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Racks for Refrigerators, &c., of which the following is a specification, to wit:

This invention relates to an improvement in racks for refrigerators, &c.; and it consists in certain peculiarities of the construction and operation of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and use, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of my device. Fig. 2 is a longitudinal section, and Fig. 3 a transverse section of the same, and Figs. 4, 5, and 6 are views of slight modifications of the same.

A represents my rack, which is formed preferably of a series of longitudinal bars, *a*, made of sheet metal folded or bent longitudinally in the manner shown in Fig. 3—that is, the strips of metal are bent or folded in the center, and again between the center and each edge to form a hollow triangle, and the edges again bent inward to form a central strengthening tongue, as in the drawings. The ends of these bars *a* are flattened out, and secured in an end bar, *b*, which consists of a strip of sheet metal folded in its longitudinal center, and its edges folded back upon the main body to stiffen it. The bars *a* are inserted in the folded end pieces, *b*, and secured by soldering or other desired means. The whole forms a shelf or rack for refrigerators, cupboards, and similar articles of household use which is light, strong, and economical of construction. The folded back of the end bars, *b*, may, if desired, be bent up to form a flange, *b'*, to further stiffen it, when required.

In Figs. 4 and 5 are shown a rack or shelf of perforated sheet metal having its ends bound with the folded material, as described above, and its side edges folded back upon itself to form a hollow triangular bar which stiffens it, and serves the same purpose of the before-described shelf, for articles of smaller size and weight.

In Fig. 6 is shown also a sheet of corrugated metal with its edges bound, as described, and which is perforated, when desired.

I have described particularly a triangular form of stiffening-bar; but I do not wish to confine myself to this form as any round or other hollow form of stiffening, or even a bent flange, as at *b'*, will serve the same purpose in varying degrees, the object being simply to properly stiffen the shelf to sustain the weight placed upon it.

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

1. A shelf or rack for refrigerators and similar articles, consisting of a main body made of sheet metal strengthened or stiffened by longitudinal folds of the metal upon itself, and having its ends confined by strips of sheet metal doubled in their longitudinal centers, and having their edges folded back upon itself, substantially as and for the purpose set forth.

2. A shelf or rack for refrigerators, &c., composed of a series of bars of sheet metal folded to form a hollow triangle in cross-section, and having their ends secured to a bar of sheet metal doubled down its longitudinal center, and having its edges bent or folded back upon itself, substantially as herein shown and described.

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

ISAAC OSGOOD.

Witnesses:

W. C. MCARTHUR,
CHAS. KRESSMANN.