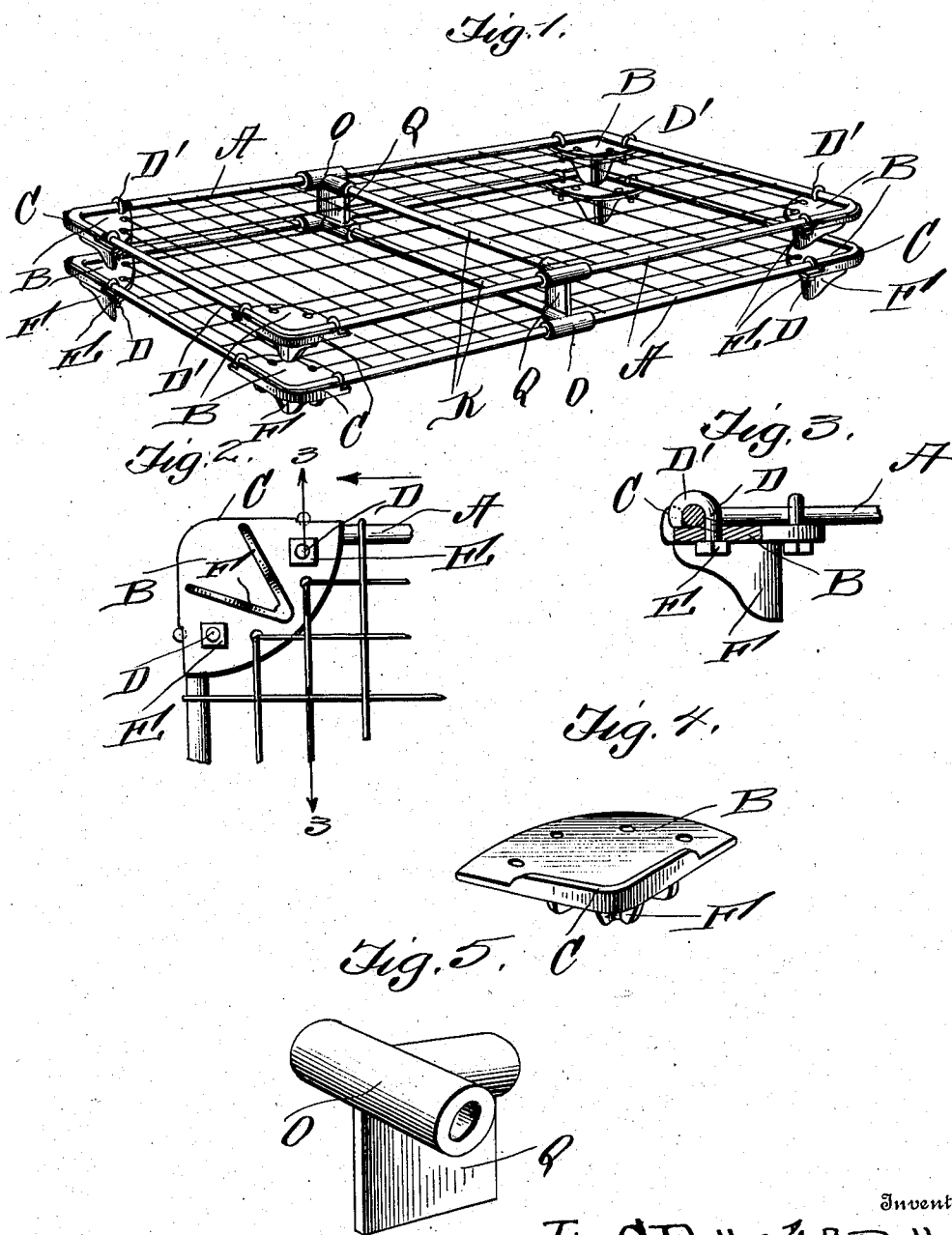


No. 815,061.

PATENTED MAR. 13, 1906.

J. C. BELLOFF & A. ROTH.
FRAME FOR DRYING RACKS.
APPLICATION FILED DEC. 27, 1905.



Witnesses

R. A. Boswell,
M. C. Mayhew

Inventor S

John C. Belloff & A. Roth,

By Franklin H. Stough

Attorney

UNITED STATES PATENT OFFICE.

JOHN C. BELLOFF AND ANTON ROTH, OF NEW BRUNSWICK, NEW JERSEY.

FRAME FOR DRYING-RACKS.

No. 815,081.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed December 27, 1905. Serial No. 293,536.

To all whom it may concern:

Be it known that we, JOHN C. BELLOFF and ANTON ROTH, citizens of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented certain new and useful Improvements in Frames for Drying-Racks; and we 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in frames for racks to be utilized for drying gelatin or other substances, and comprises the provision of a rectangular outlined frame having corner-plates with ribs about the marginal edges thereof adapted to receive the angled portions of the frame and each having a V-shaped projection upon a face thereof adapted to serve as supports and so arranged that the projection will serve as a reinforcement to the plate.

The invention comprises various other details of construction and arrangements of parts, which will be hereinafter fully described and then specifically defined in the appended claims.

Our invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing the application of our invention upon the frames of drying-racks. Fig. 2 is a bottom plan view of one of the plates. Fig. 3 is a sectional view through the plate. Fig. 4 is a perspective view showing the top of the plate, and Fig. 5 is a detail view of a supporting member intermediate the ends of the frame.

Reference now being had to the details of the drawings by letter, A designates a rectangular outlined frame made preferably of rods of metal, and B B designate plates, each of which is provided with a flange C about two of the outer edges thereof and adapted to bear against an angled corner of the frame.

D designates threaded bolts having hooked ends D' designed to engage over the rod or wire forming the outer marginal edge of the frame, the end of each hooked portion of the bolt adapted to bear against the under face of the plate and against the end of the flange, as described. E is a nut which is mounted upon

the threaded end of the bolt and adapted to bear against the under surface of the plate, whereby the latter may be securely held to the frame. In the drawings we have shown two of said hook-shaped bolts as being utilized to secure each plate to the frame. Projecting from the under surface of each plate is a V-shaped member F, the edges of which are cut away, as shown in the drawings, and each of said projections serves as a leg or support to hold the frame spaced apart from another rack or frame of similar construction, it being our purpose to superimpose any number of these trays or frames one upon another with the legs of a superimposed tray resting upon the flat portion of the underneath frame.

Intermediate the ends of the frame is a cross rod or bar K, fastened to the opposite longitudinal portions of the frame by a union O, and Q designates an angled projection or leg which is either integral with or secured to the union.

In practice it is our purpose to cover the frame before described with a suitable netting of wire or other fabric.

From the foregoing it will be noted that by the provision of the frame as shown and described a simple and efficient apparatus is afforded for drying gelatin or various other substances, and by the peculiar construction of the plates, as illustrated, the latter may be securely held to the frame and the plate braced by the V-shaped projecting legs. By the construction of legs as shown ready access may be had to the nuts or bolts which are utilized in attaching the plates to the frame.

What we claim is—

1. A tray for drying gelatin and other substances, consisting of a metallic frame, plates having an angled flange about two edges thereof and against which the angled corner of the frame is adapted to bear, bolts passing through apertures in said plates and provided with hooked ends embracing the frame adjacent to an angled corner thereof, nuts upon the bolts adapted to hold the plate to the frame, and a projection from each plate serving as a leg, as set forth.

2. A tray for drying gelatin and other substances, consisting of a metallic frame, plates having an angled flange about two edges thereof and against which the angled corner of the frame is adapted to bear, bolts passing through apertures in said plates and provided with hooked ends embracing the frame adjacent to an angled corner thereof, nuts

upon the bolts adapted to hold the plate to the frame, and a V-shaped projection upon the under surface of each plate, serving to brace the plate and form a leg therefor, as set forth.

3. A tray for drying gelatin and other substances, consisting of a metallic frame, plates having an angled flange about two edges thereof and against which the angled corner of the frame is adapted to bear, bolts passing through apertures in said plates and provided with hooked ends embracing the frame adjacent to an angled corner thereof, nuts upon the bolts adapted to hold the plate to the frame, and a V-shaped projection upon the under surface of each plate, serving to brace the plate and form a leg therefor, the edges of said V-shaped portion being cut away, and the apex of the projection being adjacent to the inner marginal edge of the plate, as set forth.

4. A drying-rack comprising a rectangular outlined frame of metal, plates, each having a flange extending about two of its edges, hooked bolts passing through apertures in said plates; nuts upon the threaded portions of said bolts, the hooked ends of the bolts embracing said frame, V-shaped projections upon the undersurfaces of said plates, a cross-bar intermediate the opposite longitudinal edges of the frame, unions to which the ends of said cross-bar are connected, and lugs projecting from said unions forming legs, as set forth.

In testimony whereof we hereunto affix our signatures in the presence of two witnesses.

JOHN C. BELLOFF.
ANTON ROTH.

Witnesses:

FREDERICK WEIGEL,
H. B. CRONK.