

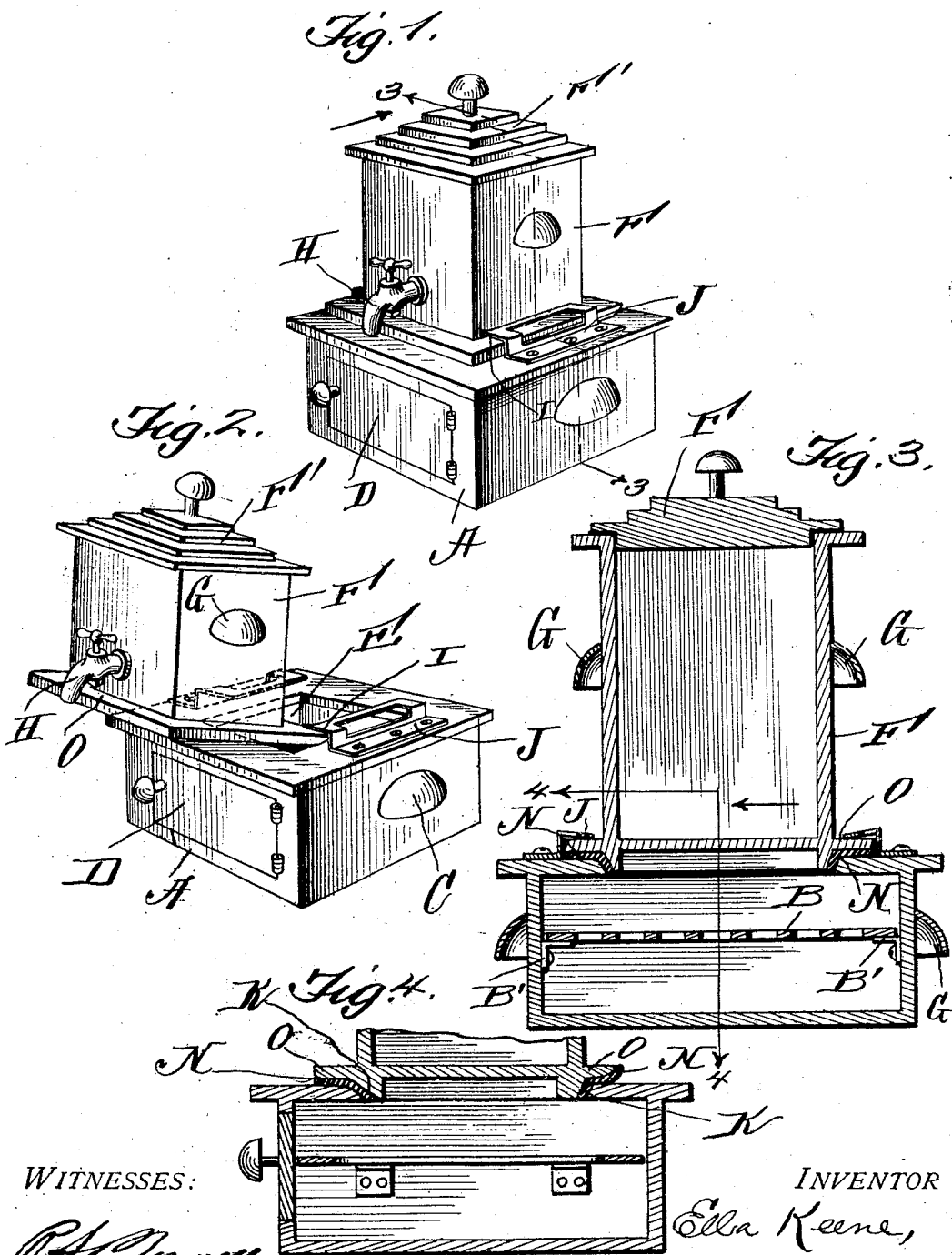
No. 857,944.

PATENTED JUNE 25, 1907.

E. KEENE.

COMBINED REFRIGERATOR AND WATER COOLER.

APPLICATION FILED MAR. 22, 1907.



WITNESSES:

R. H. Howell,
A. L. Hough

INVENTOR

Ella Keene,

By *Franklin H. Hough*
Attorney

UNITED STATES PATENT OFFICE.

ELLA KEENE, OF WASHINGTON, DISTRICT OF COLUMBIA.

COMBINED REFRIGERATOR AND WATER-COOLER.

No. 857,944.

Specification of Letters Patent.

Patented June 25, 1907.

Application filed March 22, 1907. Serial No. 363,900.

To all whom it may concern:

Be it known that I, ELLA KEENE, a citizen of the United States, residing at Washington, District of Columbia, have invented certain
5 new and useful Improvements in a Combined Refrigerator and Water-Cooler; and I 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
10 which it appertains to make and use same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 This invention relates to new and useful improvements in refrigerators and water coolers, and comprises a simple and efficient apparatus whereby the ice contained within a water receptacle may be utilized for cooling
20 a chamber directly under the water tank.

The invention consists in various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the
25 appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of my improved water cooler and refrigerating apparatus. Fig. 2 is a perspective view showing
30 the water cooler partially removed from the provision chamber upon which it is adapted to rest. Fig. 3 is a sectional view on line 3—3 of Fig. 1, and Fig. 4 is a sectional view
35 on line 4—4 of Fig. 3.

Reference now being had to the details of the drawings by letter, A designates a provision receptacle which may be of any size or shape and is provided with a partition B
40 upon which articles may be placed, said partition being supported by bracket arms B' fastened to the side walls of said chamber, suitable handles C are fixed to the outer opposite edges of the walls of the provision
45 chamber, and D designates a door adapted to close an opening in one side of the chamber, whereby access may be had to the interior thereof. The top of the provision chamber
50 has an opening E, the marginal edge of which is beveled, and F designates a water tank having a cover F' and suitable handles G upon the outer surfaces of two of the walls thereof, and H designates a spigot whereby
55 the water may be drawn from the receptacle. The lower end of the water receptacle, which is adapted to contain ice, is beveled as at K

and is adapted to conform to the bevel about the marginal edge of the opening in the provision compartment.

N designates a packing which is inter- 60 posed between the lower beveled portion of the bottom of the water or ice receptacle and the beveled marginal edge of the opening in the provision receptacle, and a flange O surrounds the lower portion of the water recep- 65 tacle and is adapted to rest upon said packing. Fixed to the upper surface of the top of the provision chamber are the metallic members J which are angled and their free edges being resilient, and corresponding 70 ends, designated by letter I, are slightly upwardly curved in order to allow the flange upon the lower portion of the receptacle F to slide underneath the same, and being resilient, will yield slightly to allow the flange to 75 slide underneath the same in adjusting the water tank in place upon the provision receptacle or in removing the same therefrom. The free ends of said members J bear with sufficient frictional force against 80 the upper surface of said flange to hold the same securely in position.

By the provision of the construction shown and described, it will be noted that the two 85 receptacles may be moved together or separated, as may be desired, the members J serving to hold the provision receptacle to the water tank if the latter is raised by its handles.

By the provision of an apparatus as shown 90 and described, a simple and efficient means is afforded whereby the cold from the melting ice in the water tank may be radiated through the provision chamber beneath, thereby utilizing cold which otherwise would 95 be lost.

What I claim is:—

1. In combination with a provision chamber having an opening in the top thereof, the marginal wall of said opening being beveled, 100 an ice and water receptacle having its lower end beveled and adapted to be positioned in said opening, a flange surrounding the lower portions of the water tank, bracket members fixed to the top of the refrigerator 105 and having resilient angled portions adapted to engage over said flanges and hold the water tank with its lower end over said opening, as set forth.

2. In combination with a provision chamber 110 having an opening in the top thereof, the marginal wall of said opening being beveled,

an ice and water receptacle having its lower end beveled and adapted to be positioned in said opening, a flange surrounding the lower portions of the water tank, bracket members fixed to the top of the refrigerator and having resilient angled portions, the corresponding ends of which are slightly upwardly curved and adapted to guide the flanges of the water tank as the latter is slid under said members, the free ends of said members designed to

bear yieldingly against the upper surface of said flange to hold the same in place, as set forth.

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

ELLA KEENE

Witnesses:

A. L. HOUGH,

FRANKLIN H. HOUGH.