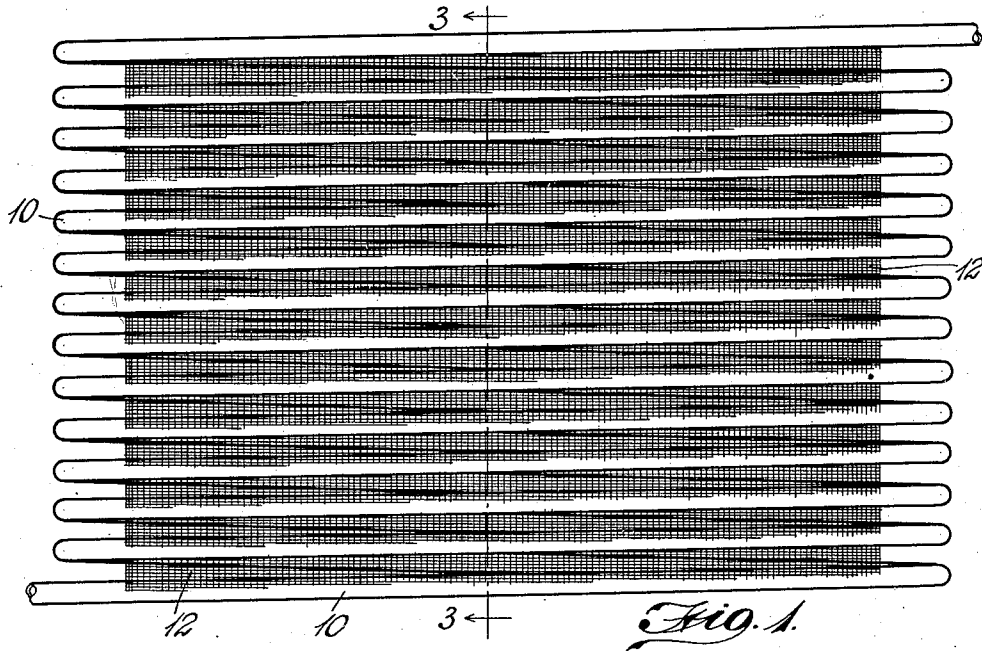
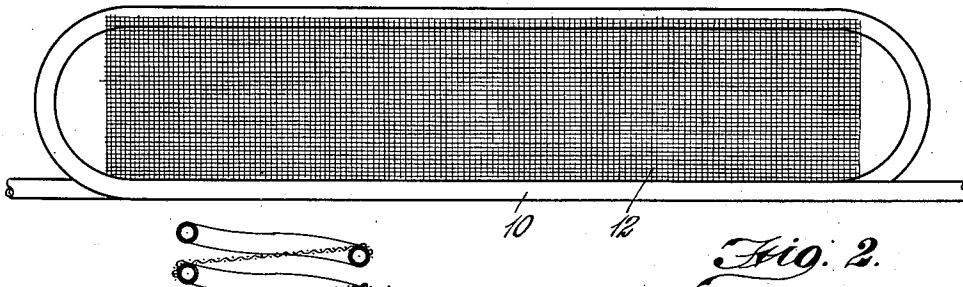
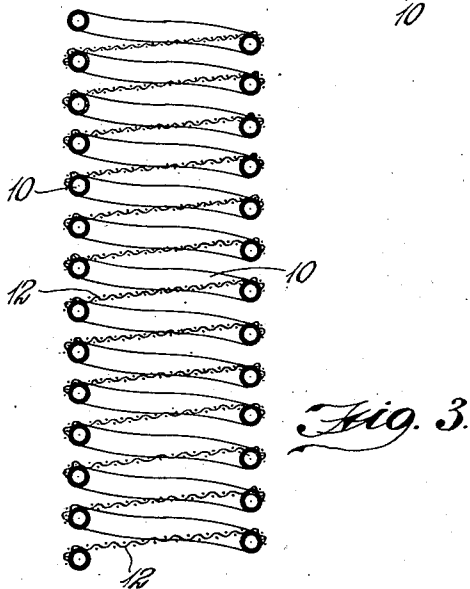


Jan. 1, 1929,

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W. G. JACK
CONDENSING COIL

Filed Aug. 17, 1927



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UNITED STATES PATENT OFFICE.

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CONDENSING COIL.

Application filed August 17, 1927. Sérial No. 213,599.

This invention relates to an improvement in the condensing coils of refrigerating systems, and consists of a coil having a plurality of sections of wire gauze spanning the intervals between opposite segments of the coil.

The object of the invention is to provide means for inexpensively increasing the radiation properties of a condensing coil of specified capacity so as to accelerate condensation of the refrigerant.

This object is attained by the construction, combination, and arrangement of the parts as will be hereinafter more fully described, illustrated in the accompanying drawing, and ascertained in the claims hereunto annexed.

Referring to the drawing:

Figure 1 is a side elevation of a condensing coil constructed in accordance with this invention;

Figure 2 is a plan view of the same; and,

Figure 3 is a cross-sectional elevation of the device taken on the line 3—3 in Figure 1.

Similar reference numerals refer to corresponding parts throughout the several views.

An ordinary condensing coil, comprising a length of coiled tubing formed preferably of copper, is indicated on the drawing by the numeral 10.

Spanning the intervals between opposite segments of the coil 10, are the sections of wire gauze 12 which are secured to the coil, as with solder for example.

This wire gauze, which is comprised of metal having a high thermotic conductivity rating, such as copper, rapidly radiates the warmth from the coil 10, thereby accelerating condensation of the refrigerant.

The elongated coil illustrated on the drawing is typical as to form, although the invention is equally applicable to all forms of coils.

There has thus been produced a simple, inexpensive and useful device of the class described and for the purpose specified, and now, having fully described the invention and the manner in which it is to be performed in such manner that any person skilled in the art to which it appertains could readily construct and use the same, I claim:—

In combination with a condensing coil, sections of wire gauze spanning the intervals between opposite segments of the coil.

In testimony whereof he has affixed his signature.

WILLIAM GEORGE JACK.