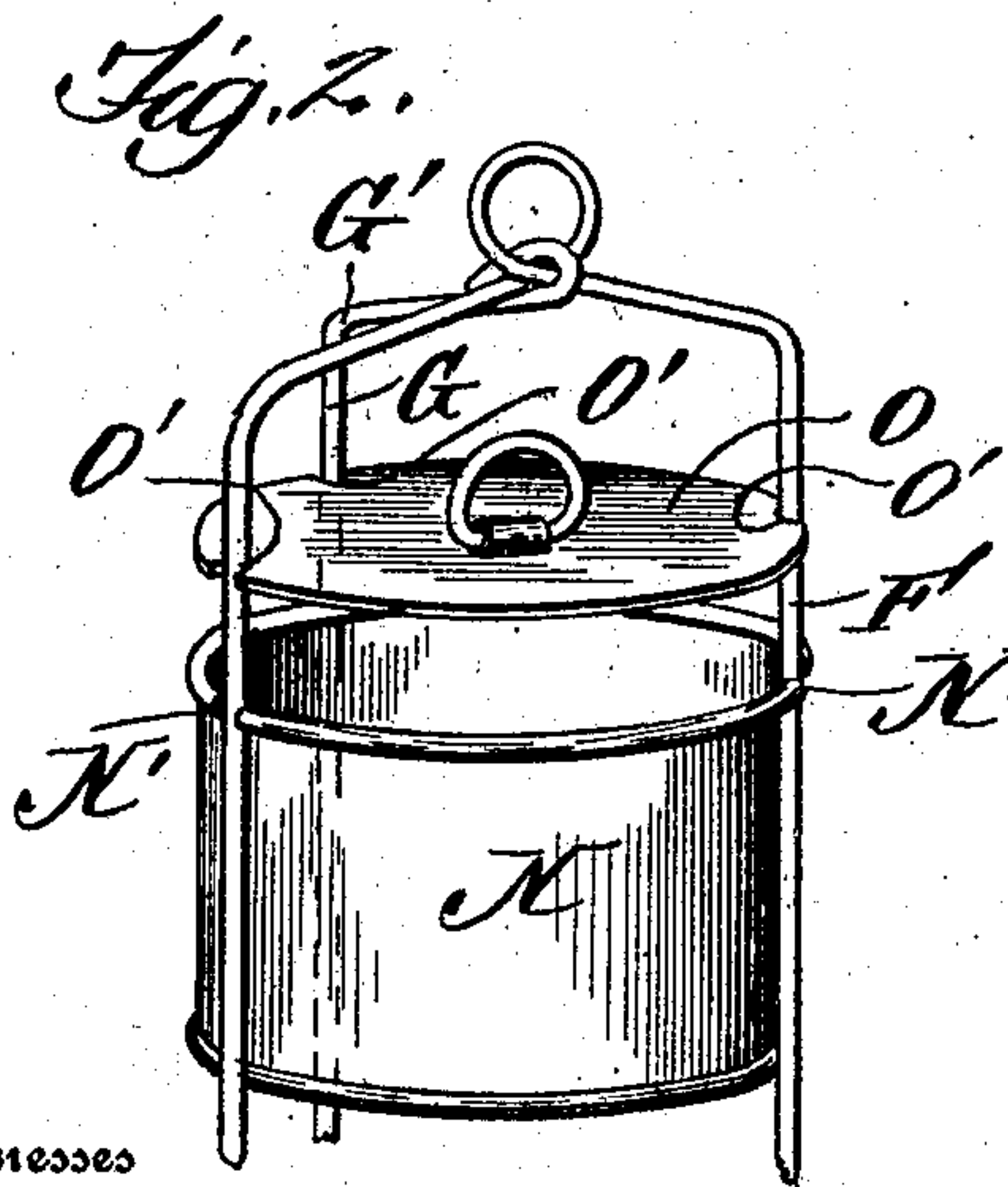
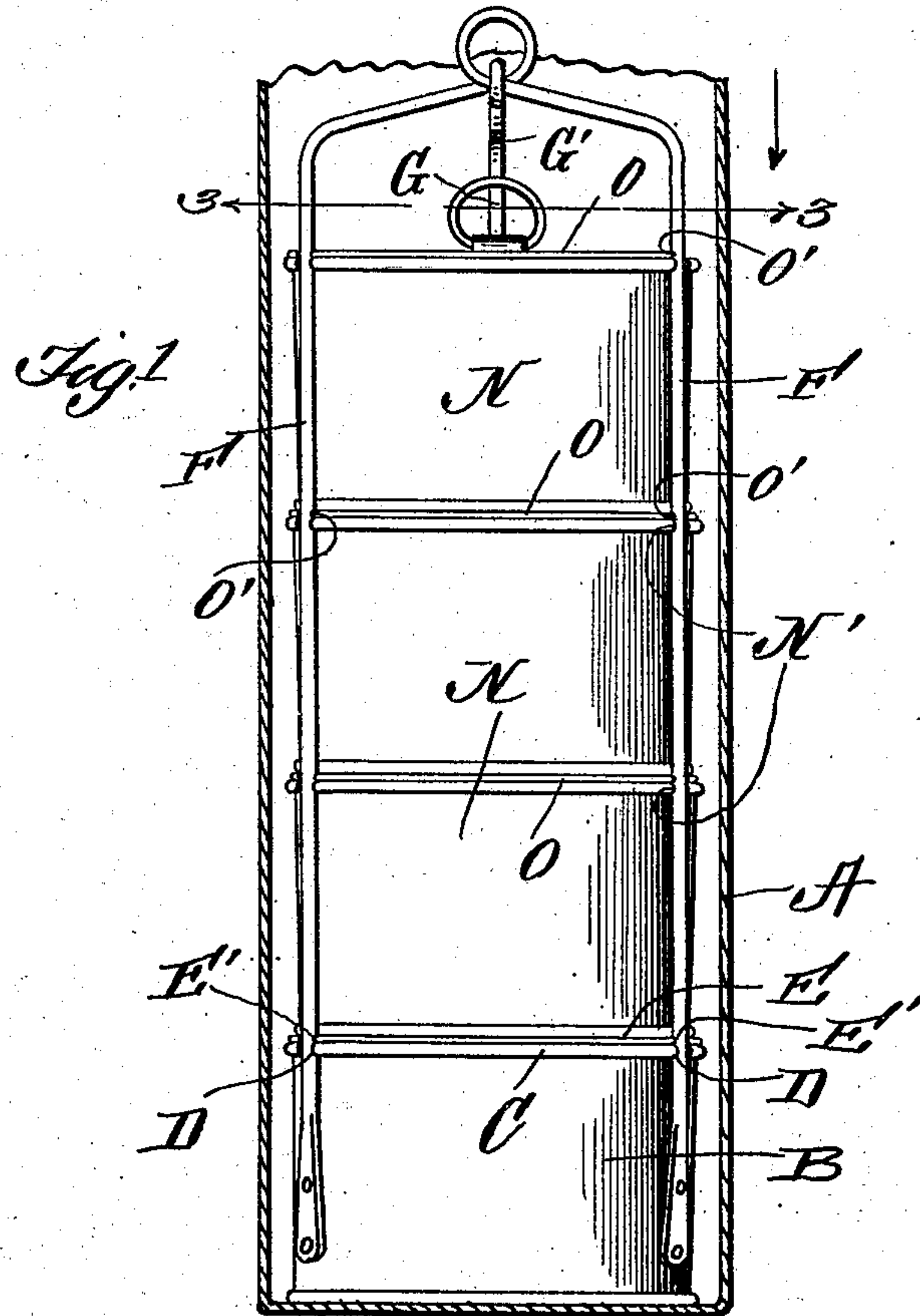


H. J. VASCONCELLES.  
COOLING APPARATUS.  
APPLICATION FILED FEB. 18, 1908.

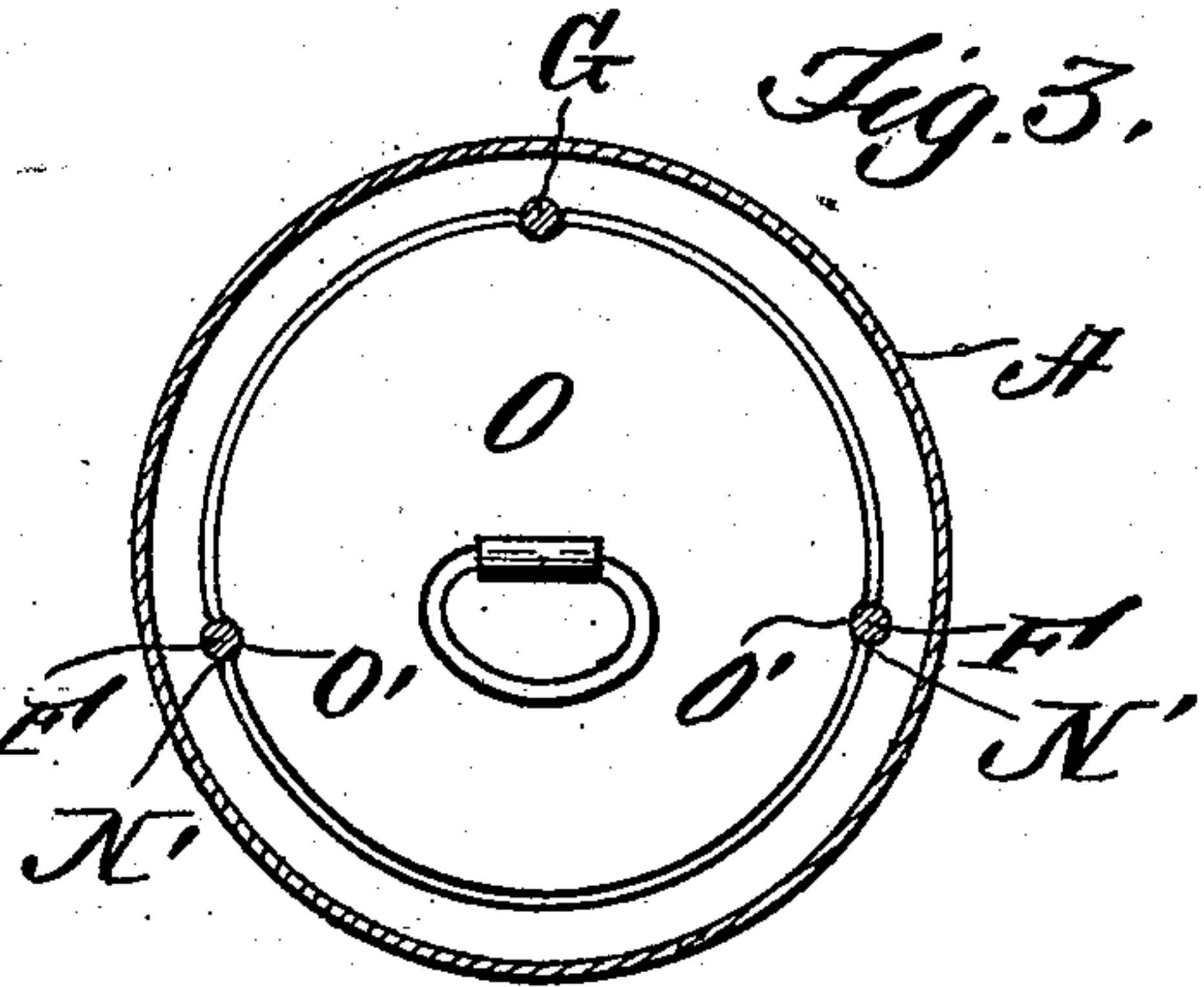
911,785.

Patented Feb. 9, 1909.



Witnesses

*W. B. Brown.*  
*M. E. Kelly.*



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Attorney



# UNITED STATES PATENT OFFICE.

HARVEY J. VASCONCELLES, OF JACKSONVILLE, ILLINOIS.

## COOLING APPARATUS.

No. 911,785.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed February 18, 1908. Serial No. 416,532.

*To all whom it may concern:*

Be it known that I, HARVEY J. VASCONCELLES, a citizen of the United States, residing at Jacksonville, in the county of Morgan and State of Illinois, have invented certain new and useful Improvements in Cooling Apparatus; 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 which it appertains to make and use the 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.

This invention relates to new and useful improvements in cooling apparatus, and the object in view is to produce a simple and efficient device of this character whereby articles may be lowered in receptacles in a well thereby keeping the contents thereof cool.

More specifically the invention comprises a series of superimposed receptacles and to the lower one of which are fastened bales either by riveting or otherwise from upper ends brought together and fastened, each of the buckets having a notched rim to receive said rods and also notched covers whereby the latter may be held in place.

The invention comprises various details of construction, combinations, and arrangement of parts which will be hereinafter fully described and then specifically defined in the appended claim.

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

Figure 1 is a side elevation of a series of the buckets or receptacles. Fig. 2 is an enlarged detail perspective of the upper portion of one of the buckets showing a notch therein and also the notched cover. Fig. 3 is a plan view of the cover.

Reference now being had to the details of the drawings by letter, A designates a casing which is adapted to be lowered into the well and B designates a receptacle or bucket forming the bottom one of the series and said bucket is provided with a beaded rim C having notches D formed therein, and E is a cover having notches E' formed in the marginal edge thereof and adapted to register with the notches in said beading.

F designates a rod forming a bale, the lower ends of said rod being fastened to the

outer surface of said bucket at positions spaced apart sufficiently to allow the superimposed buckets to be inserted between the arms of the bale. G designates a rod which is fastened at its lower end to the outer circumference of the said receptacle intermediate the fixed ends of the bale-shaped rod and the upper end of the rod G is bent at an angle at G' and its end turned into a loop adapted to engage the handled end of the bale at the point of intersection of the two strands of the rod forming the bale, thereby securely bracing the same and holding the bale from lateral movement. N—N designates receptacles of similar diameter and shaped to the bottom receptacle and each receptacle N having at its upper and lower end a beading N<sup>2</sup>, each of which is provided with a notch N', for the reception of the arms of the bale, and said rod G. Each receptacle has a cover O notched at O' also for the reception of said rods thereby affording means whereby the various receptacles and their covers may be held in place and also held from rotation.

A rod or chain may be fastened to the handled end of the bale, affording means whereby the series of receptacles may be lowered into the casing or removed therefrom.

In applying the superimposed receptacles in place the arms of the bale which are of a resilient material will spring out slightly in order to allow the receptacles to be placed one upon the other and when the notches come opposite the bales, said rod and the arms of the bale, the whole will spring into the notches and hold the receptacle securely.

From the foregoing it will be noted that by the provision of a cooling apparatus, a simple means is afforded whereby, a plurality of receptacles may be held one upon the other, and conveniently lowered and raised in a well, the various receptacles being securely held in place and conveniently removed when desired.

What I claim to be new is:—

A cooling apparatus comprising a plurality of superimposed receptacles, each having a beading about its upper and lower edge, notches in the beadings about the upper ends of the receptacles, rods fastened to the lowermost of said receptacles and passing through said notches, the rods being flush with the circumferences of the notched bead-



ings, one of said rods being bent at its longitudinal center to form an eye, the other rod having a loop formed at its end engaging said eye, closures for said receptacles, each  
5 closure having notches in its periphery for the reception of said rod, as shown and described.

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

HARVEY J. VASCONCELLES.

Witnesses:

E. S. WHITLOCK,  
R. I. DUNLAP.