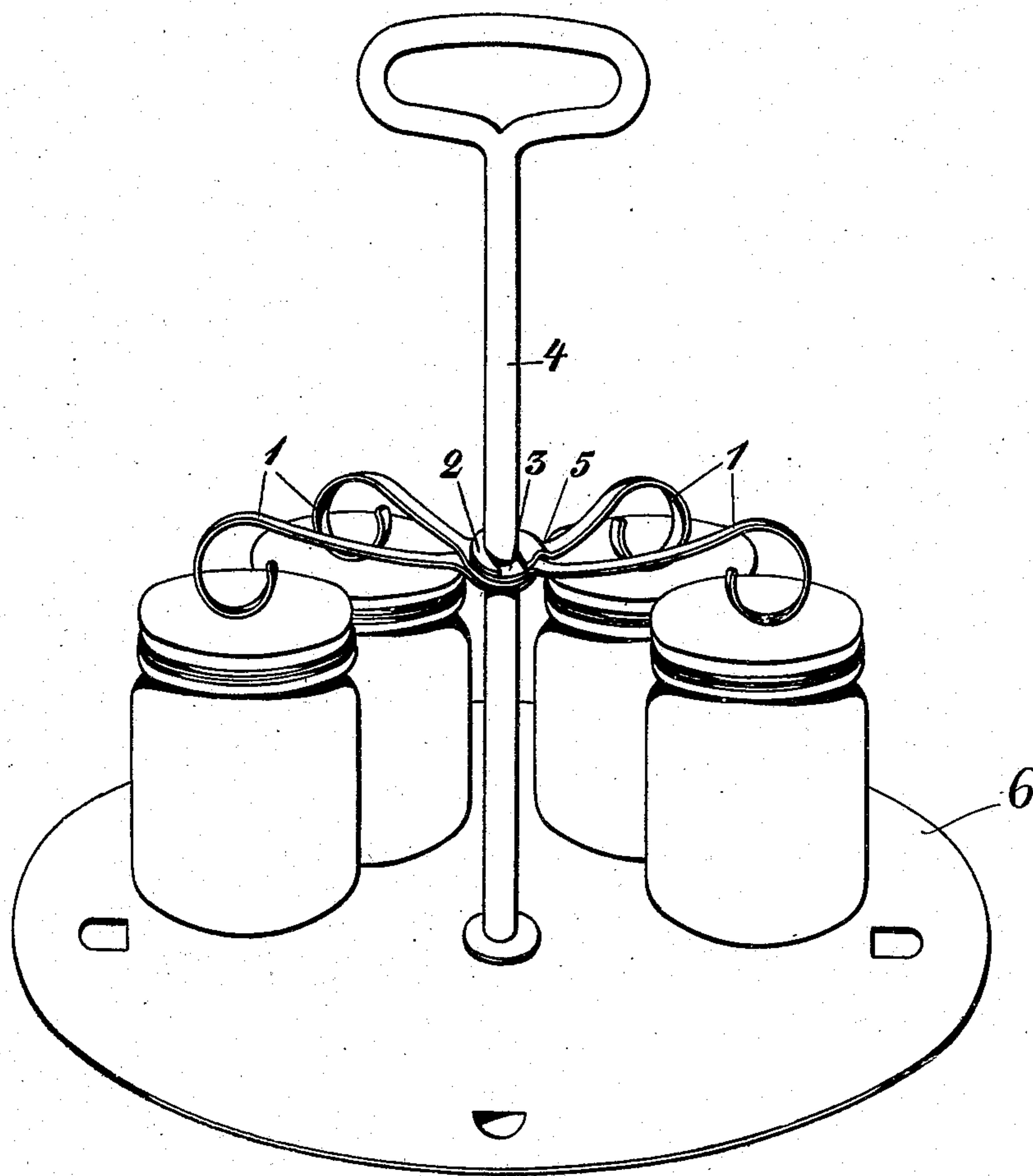


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STERILIZATION VESSEL.  
APPLICATION FILED AUG. 30, 1907.

936,767.

Patented Oct. 12, 1909.  
2 SHEETS—SHEET 1.

*Fig. 1.*



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Inventor:  
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2 SHEETS—SHEET 2.

Fig. 2.

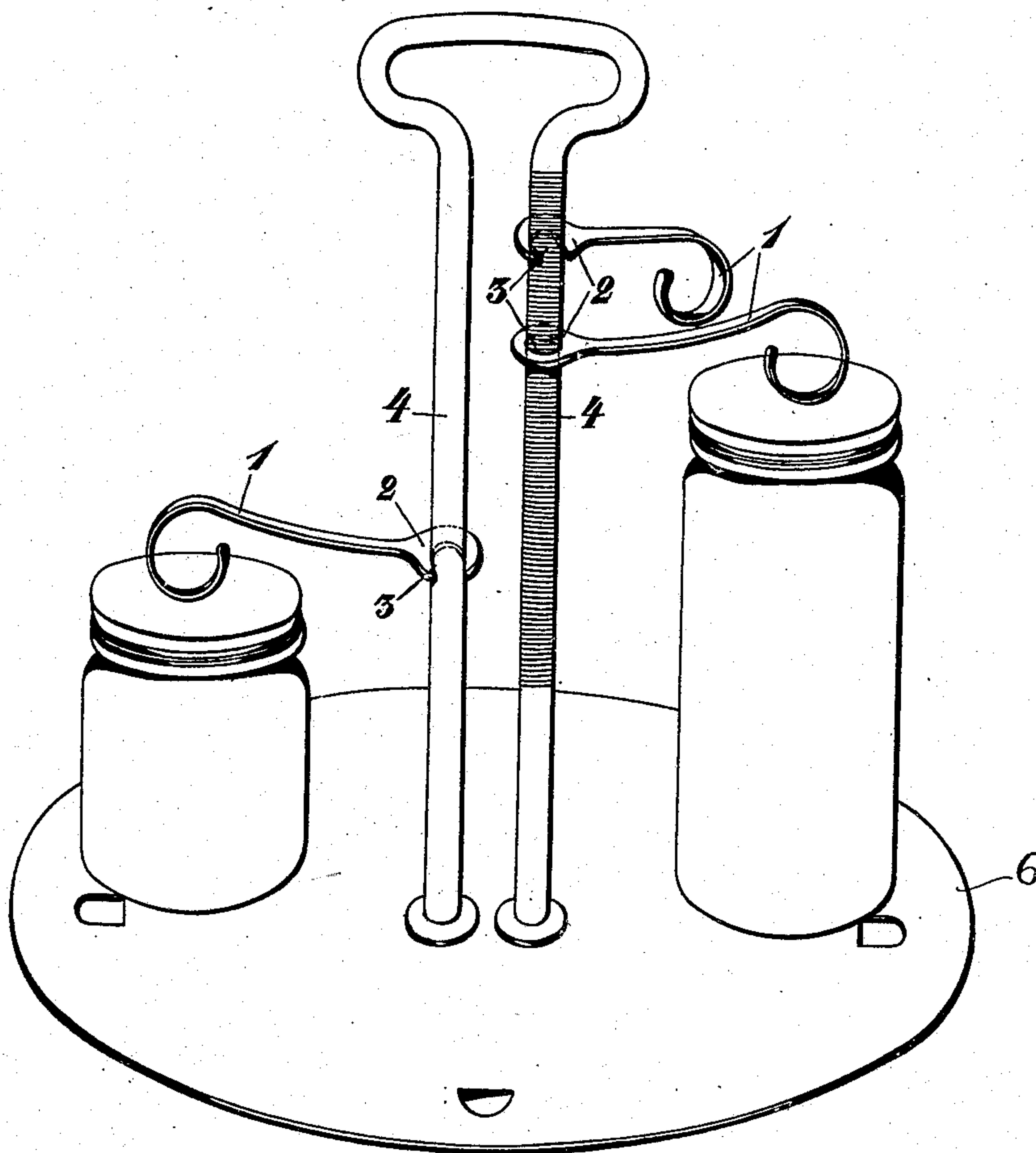
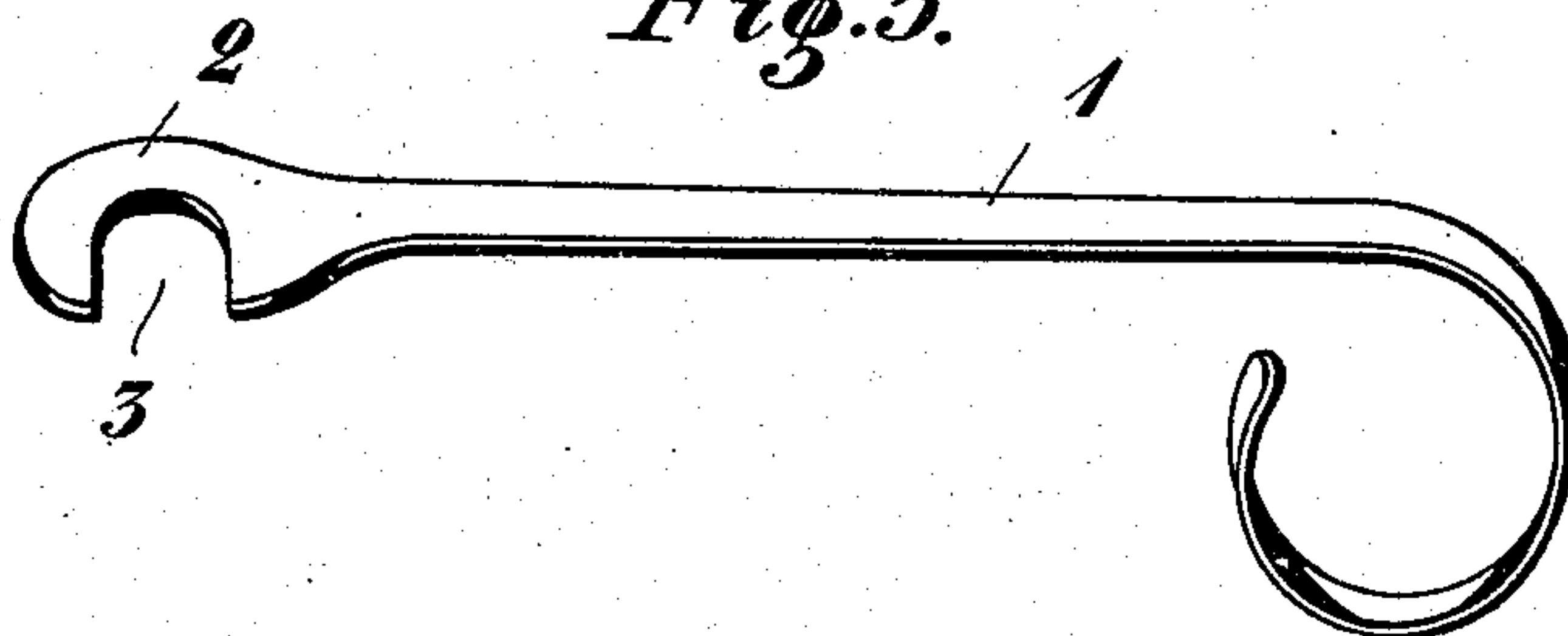


Fig. 3.



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Inventor:  
Georg van Eyck



# UNITED STATES PATENT OFFICE.

GEORG VAN EYCK, OF OEFLINGEN, GERMANY.

## STERILIZATION VESSEL.

936,767.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed August 30, 1907. Serial No. 390,767.

*To all whom it may concern:*

Be it known that I, GEORG VAN EYCK, a subject of the German Emperor, and resident of Oeflingen, in Baden, Germany, have  
5 invented certain new and useful Improvements in Sterilization Vessels, of which the following is a specification.

This invention relates to improvements in sterilization vessels, and more particularly  
10 to an improved arrangement of blade springs for pressing the lids on the vessels to be sterilized. This new arrangement is characterized by the fact that the springs which are kept in any position on a stand-  
15 ard having preferably a roughened surface without any separate holding means and which are capable of being turned thereon in any direction which can be placed on said standard directly from the side; while a  
20 plurality of said blade springs on said standard can be kept with their free ends at about the same height.

In the accompanying drawing, Figure 1 is a perspective view of an embodiment of  
25 the device; Fig. 2 is a similar view of a modified form; and Fig. 3 is an enlarged perspective view of the separated blade spring.

The blade springs 1 used with the new arrangement are at their holding end suitably enlarged and provided with an eye 2 which is open at one side. This eye 2 is so designed that it can be placed from the side  
30 by its eye openings, 3, upon the standard, 4, so as to easily move thereon.

The standard 4 is mounted on a base plate 6 and is preferably roughened or provided with ring grooves or ribs so that the springs can be held at any point on the standard  
40 without sliding. The springs 1 are held by hand on the standard 4, not quite to the height of the vessels to be sterilized, so that the free ends of the springs when placed with the other hand on the lids of said vessels are tensioned and thus caused to press  
45 the lids firmly on the vessels, while the eyes 2 owing to this tension clamp themselves firmly on the standard 4. In case of a num-

ber of springs being arranged on the standard, the upper spring when tensioned holds  
50 the lower ones down by its eye end 2 so that these need not be clamped on the standard one by one. The eye-ends 2 of the springs, being flat, allow of their being placed very near on each other so that their free ends  
55 pressing on the lids of the sterilization vessels lie at about the same height relatively to each other. Preferably, the springs are, however, provided with suitable bends 5 in such a manner that the free ends of the lower  
60 springs are bent somewhat upward and the free ends of the upper springs somewhat downward in order to equalize their different heights (see Fig. 1).

The standard 4 may consist of a straight rod  
65 (see Fig. 1), or it may be U-shaped so as to form two rods (see Fig. 2). The standard is preferably of cylindrical cross section in order that the springs may be turned thereon  
70 in any direction.

The spring eyes 2 which have a lateral opening 3 have the advantage over closed eyes in that they can be easily attached to, or removed from, the standard.

Having fully described my invention, what  
75 I claim and desire to secure by Letters Patent is:—

In a lid clamping device for sterilizing vessels, the combination of a base plate, a standard having a roughened surface, cen-  
80 trally arranged on said plate, a plurality of blade springs, each provided at one end with an eye having a lateral opening whereby a detachable engagement is made with the standard from the side, each spring having a  
85 bend in proximity to its eye, so designed as to make the free ends of all the blade springs on said standard of the same height, as and for the purpose set forth.

In testimony whereof I have hereunto set  
90 my hand in the presence of two subscribing witnesses.

GEORG VAN EYCK.

Witnesses:

OTTO GEIGER,  
JOS. H. LEUTE.