F. WILCOX.

JAR HOLDING AND SPACING MEANS.

APPLICATION FILED NOV. 9, 1917.

1,282,343. Patented Oct. 22, 1918.

Fig. 1.

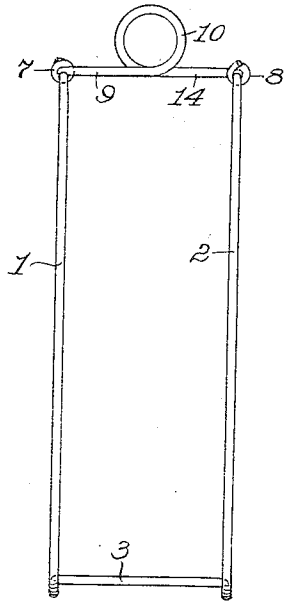
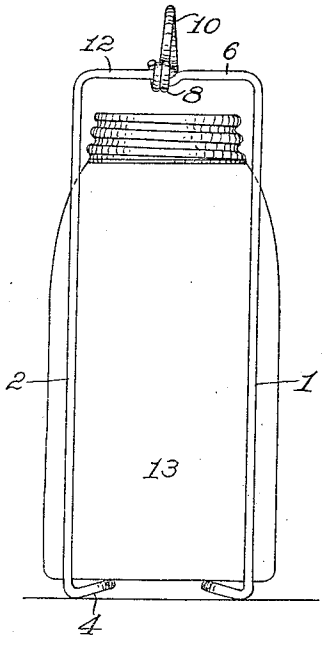


Fig. 2.



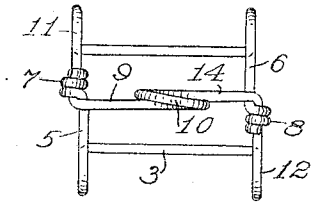


Fig. 3.

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UNITED STATES PATENT OFFICE.

FRANK WILCOX, OF CEDAR FALLS, IOWA.

JAR HOLDING AND SPACING MEANS.

1,282,343. Specification of Letters Patent. Patented Oct. 22, 1918.

Application filed November 9, 1917. Serial No. 201,162.

To all whom it may concern:

Be it known that I, FRANK WILCOX, a citizen of the United States of America, and a resident of Cedar Falls, Blackhawk county, Iowa, have invented certain new and useful Improvements in Jar Holding and Spacing Means, of which the following is a specification.

My invention relates to improvements in jar-holding means, and the object of my improvement is to supply a holding device for removably holding and supporting a container in spaced relation to a sustaining surface, said device being provided with a lifting appendage, and being constructed of a single or unitary body.

This object I have accomplished by the means which are hereinafter described and claimed, and which are illustrated in the accompanying drawings, in which Figure 1 is an elevation of my improved jar-holding device; Fig. 2 is an elevation of the same, taken at a right angle to the elevation shown in said Fig. 1, and showing a jar supported thereby and Fig. 3 is a top plan view of said device.

Similar numerals of reference denote corresponding parts throughout the several views.

My improved jar-holding device is constructed of a single piece of resilient rod, with its parts variously disposed and connected to furnish a convenient, and portable supporting means arranged for manual carriage and disposition. With this end in view, a resilient wire rod of the requisite degree of stiffness is provided and bent to have oppositely disposed pairs of depending looped members 1 and 2, the loops having offset cross-connections 3 supported by short upwardly-inclined parts 4, whereby the parts 3 are spaced above a sustaining surface on which the angles of the parts 1—4, or 2—4, rest respectively. These looped members 1 and 2 are connected at their tops in such a manner as to constitute them resilient clips capable of inclosing and embracing a jar or container 13 at opposite places with a yielding resilient clasp, the cross-connections 4 serving to retain the bottom of the jar as also to space it from the sustaining surface, which is necessary when glass jars are positioned above a highly heated heating body.

In Fig. 3 is shown my improved method of uniting the various parts of the device. For instance, the parts of the loop 1 have at their upper ends the parts 6 and 12 bent over toward each other in alinement, the part 12 being then bent at a right angle medially toward the loop 2 at 14 and 9, the latter part separated by a circular twist 10 serving as a finger-loop for carrying the device manually. The extremity of the part 6 is wound spirally at 8 about the part 12 adjacent its bend to the part 14, thus firmly securing those parts together. In like manner, for the loop 2, its members are bent toward each other in alinement at 5 and 11, the part 11 being continuous with the cross-part 9, and the extremity of the part 5 being bent spirally at 7 about the part 11 adjacent to its angular connection with the part 9.

The forming of the device from a single piece of rod cheapens the cost of manufacture, and also insures a maximum strength and security in the connections, as the parts are so interlocked that there is no possibility of relative displacements which would be disastrous when the device was being employed in the carriage of a frangible container.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is:

A jar holding device, composed of a single rod, having its parts formed into opposed looped clip members whose loops are bent upwardly relative to their supporting members, the adjacent members of opposite loops then being brought together in line with each other and certain of said members bent into a cross-connection eye between the middles of said alined parts, the two extremities of the rod secured respectively to the adjacent ones of said alined members at the places where the latter are bent to produce said cross-connection eye.

Signed at Waterloo, Iowa, this 25th day of October, 1917.

FRANK WILCOX.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."