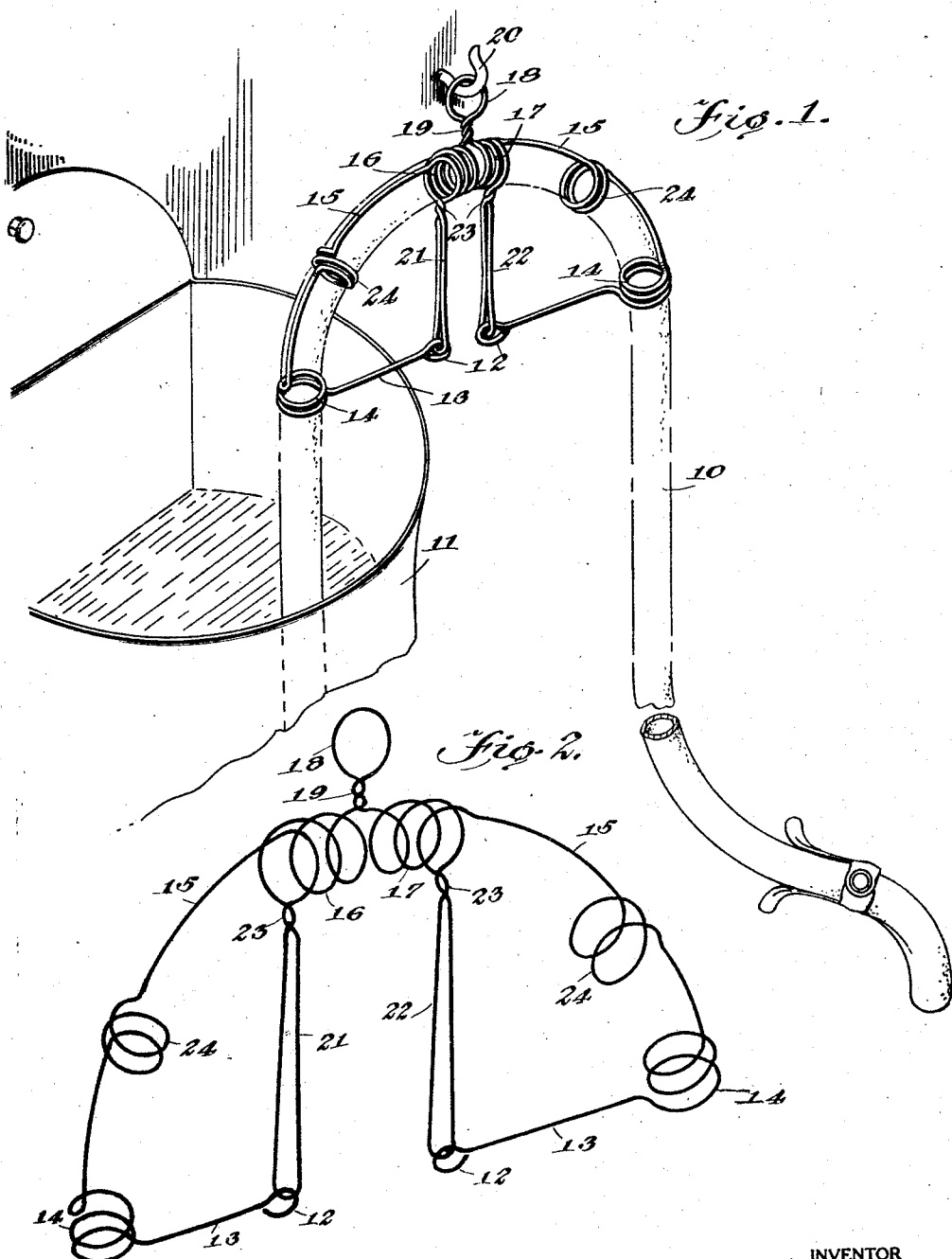


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D. E. THOMAS
SIPHON TUBE HOLDER
Filed March 2, 1925



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DAVIS EBENEZER THOMAS, OF TAMPA, FLORIDA.

SIPHON-TUBE HOLDER.

Application filed March 2, 1925. Serial No. 12,754.

To all whom it may concern:

Be it known that I, DAVIS E. THOMAS, a citizen of the United States, and a resident of Tampa, in the county of Hillsborough and State of Florida, have invented certain new and useful Improvements in Siphon-Tube Holders, of which the following is a specification.

My present invention relates generally to fountain syringes and the like, and more especially to means whereby buckets, pails and other containers of a more or less common nature may be employed in place of the more expensive and less durable rubber bags, and my primary object is the provision of a holder for a flexible siphon tube, which may be readily applied in use, which will permit the tube to act with maximum efficiency, which will prevent kinks and sharp bends and thus prolong the effective life of the tube, and which will permit of hanging the tube upon either a wall hook or the edge of the bucket or pail as may be found most convenient.

In the accompanying drawing which illustrates my invention and forms a part of this specification,

Figure 1 is a perspective view illustrating the practical application of my invention, and

Figure 2 is a perspective view of my improved holder removed.

Referring now to these figures and particularly to Figure 1, I have shown a flexible hose or siphon tube 10 leading from a container 11 and supported by a holder such as proposed by my invention, which may be applied to tubes 10 of various characters and which readily permits of use of the various tubes with fluid containers of low cost and commonly in domestic use, such as buckets, pails and the like.

According to a further object of my invention regarding the matter of cost, it is proposed that the improved holder be formed of a single piece of wire having terminal eyes 12 at the inner ends of lower horizontal and alined brace arms 13, the eyes 12 being spaced apart for a purpose which will presently appear.

At the outer ends of the arms 13, the wire is formed with coils 14 the axes of which are at right angles to said arms. These coils 14 join the outer ends of the arms 13 with the lower ends of the upper curved arch portion 15 of the holder. At the upper central

portion of this arch the wire is formed with adjacent coils 16 and 17 and has between these coils an upstanding eye 18, the wire being twisted as at 19 to form a rigid shank for this eye which in use is adapted to engage a wall hook 20 where this is convenient.

At the outer portions of the coils 16 and 17, the wire is formed with spaced apart downwardly elongated loops 21 and 22 in substantially parallel relation, the wire being twisted at the upper ends of these loops as at 23 to lock the same. Through the lower ends or bights of these loops, the terminal eyes 12 before mentioned are interconnected so that the structure as a whole is thus braced and the loops 21 and 22 are adapted to receive between them the upper edge of a bucket, pail or other container with the purpose in view of supporting the holder on such container where it is either inconvenient or undesirable to hang the same upon a hook 20.

The upper arch portion 15 of the holder is also provided at points midway between the centrally located coils 16 and 17 and the lower end coils 14, with coils 24 which, like the coils 14, 16 and 17, are adapted to receive through them, the flexible tube which is thus supported evenly and uniformly along the arch portion 15 of the holder and prevented from kinks and sharp bends.

The holder permits of suspending the siphon tube from a wall hook or hanging the same safely over the edge of a bucket, pail or other container, and it is to be understood that the coils 14, 16, 17 and 24 engage the tube with sufficient pressure to prevent the tube 10 from shifting lengthwise with respect thereto.

The holder is moreover simple, and inexpensive and may be made of considerable strength and great durability, and it will be noted that the eye 18 permits the siphon to be hung upon a nail or wall hook when not in use so that the tube can hang down and thoroughly drain with the view of prolonging its life.

Moreover, in operation the holder with the tube may be immersed in water and the lower end of the tube held closed while the holder is placed in position with the other end of the tube depending within the container. By then releasing the lower end of the tool, the water will flow out and in so doing will immediately start the siphon action.

I claim:—

1. A siphon tube holder formed of wire, having an upper curved arch portion provided with an upstanding eye and with coils therealong at spaced points adapted to receive a siphon tube therethrough, said holder having arms projecting toward one another from the lower ends of the arch portion and having members depending from the arch portion in spaced apart relation to the lower ends of which the inner ends of said arms are connected. 5
2. A siphon tube holder formed of a single strand of wire and including an upper curved arch portion and lower arms extending toward one another from the ends of the arch portion, said arch portion having transversely disposed coils at spaced points therealong and an upstanding eye, and also having parallel spaced apart and depending loops connected at their lower ends to the inner ends of said arms to provide bracing means. 20
3. A siphon tube holder formed of a single strand of wire and including an upper curved arch portion and lower arms extending toward one another from the ends of the arch portion, said arch portion having transversely disposed coils at spaced points therealong and an upstanding eye, and also having parallel spaced apart and depending loops, said arms having terminal eyes at their inner ends engaged through the lower ends or bights of said loops to provide bracing means. 25 30

DAVIS EBENEZER THOMAS.