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B. L. McCARTNEY

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FLARE POT HOLDER

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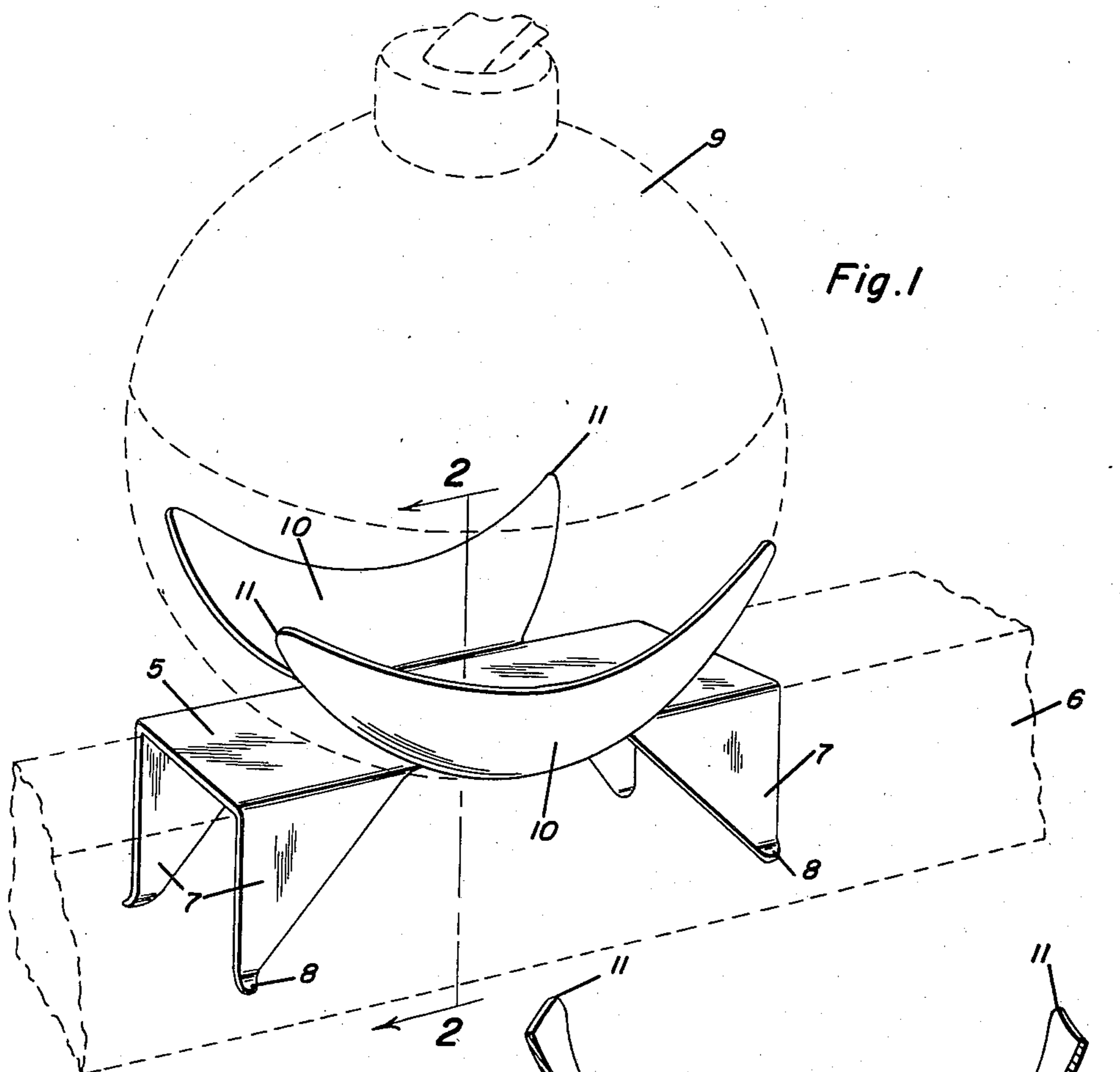


Fig. 1

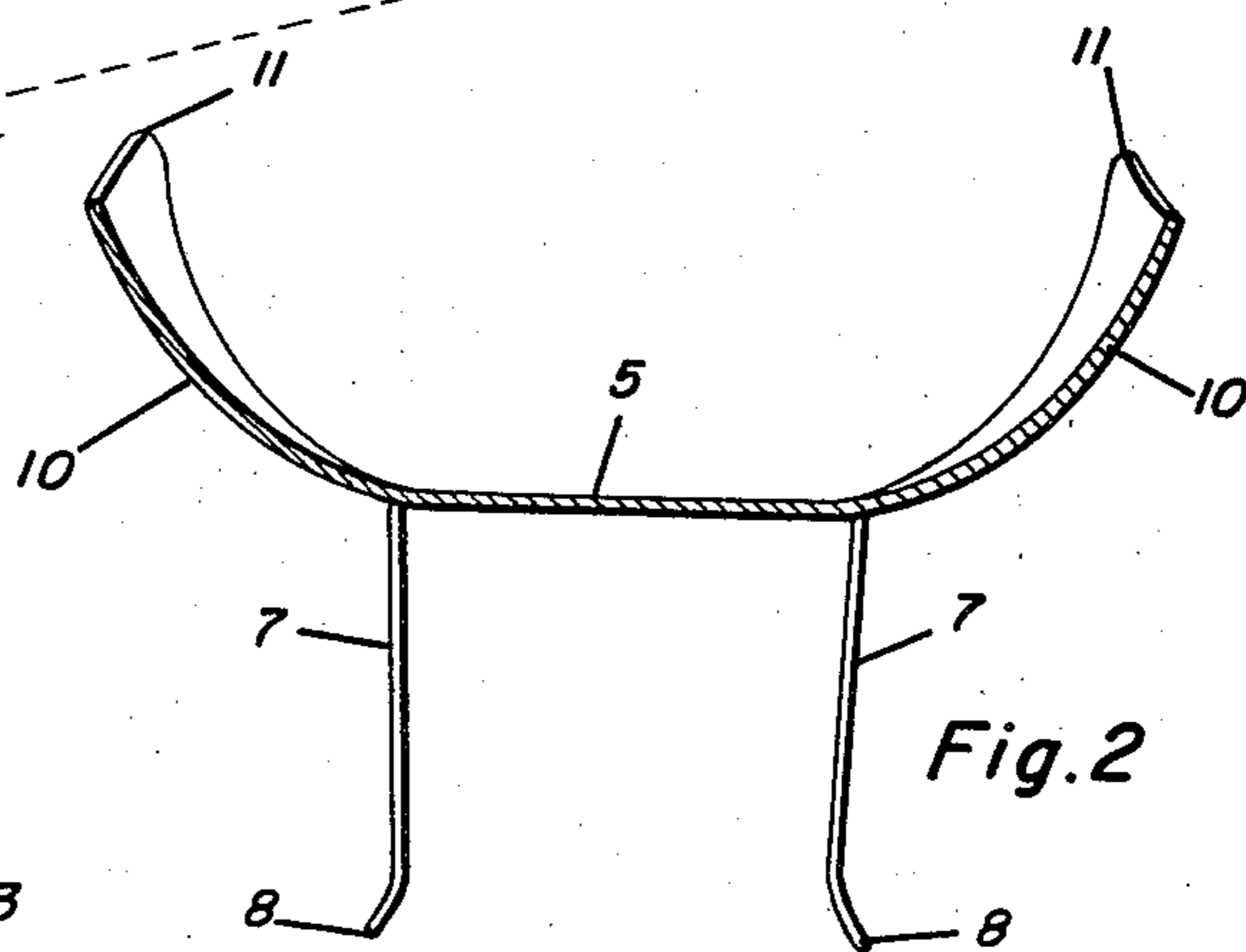


Fig. 2

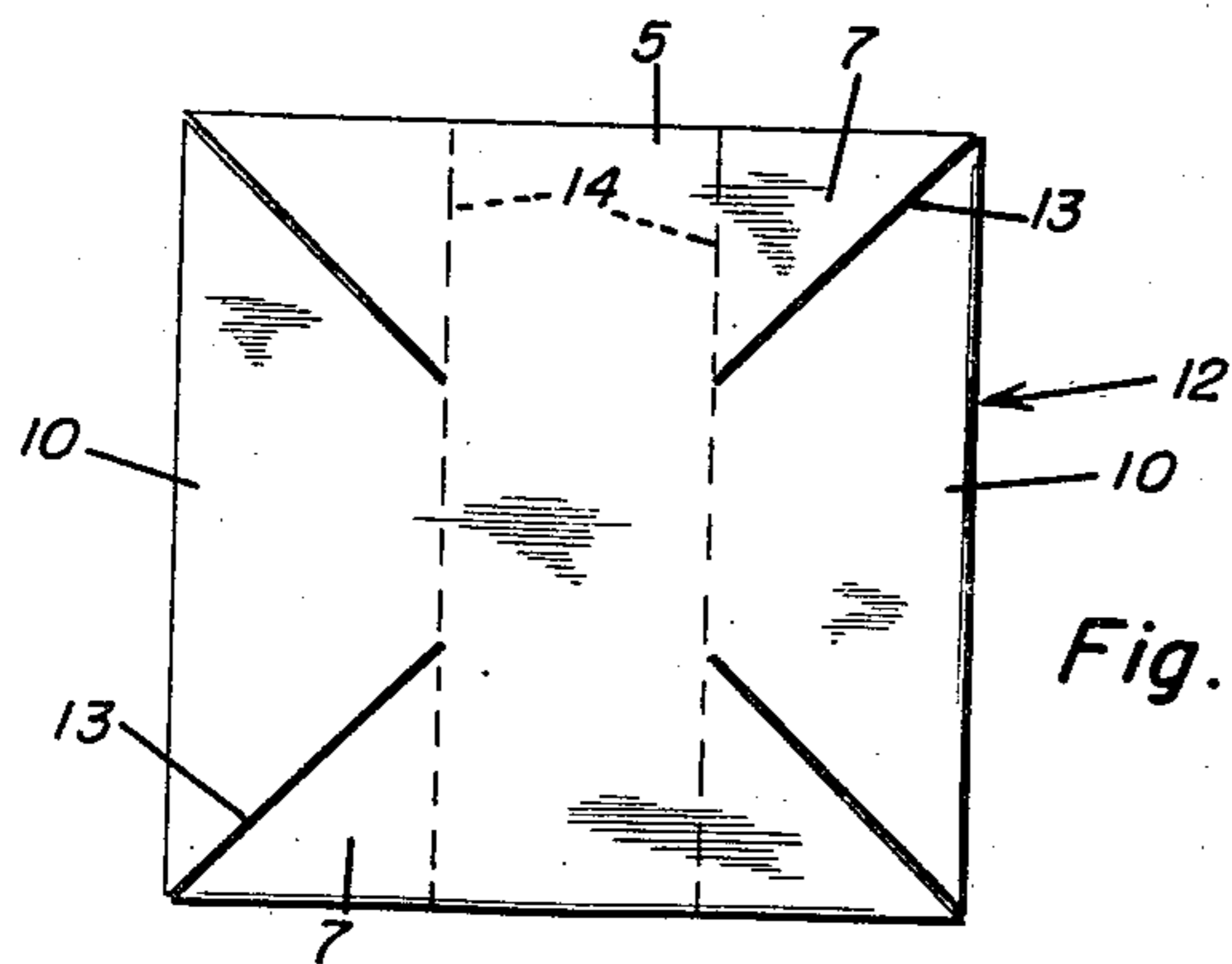


Fig. 3

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1

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FLARE POT HOLDER

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1 Claim. (Cl. 248—226)

The present invention relates to new and useful improvements in flare pot holders, particularly for street or highway use, and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character which is adapted to be expeditiously but removably mounted on the usual horizontal rail of a barricade for supporting the pot in an elevated position.

Another very important object of the invention is to provide a flare pot holder of the aforementioned character which may be readily formed from a single sheet or plate of resilient metal or other suitable material.

Other objects of the invention are to provide a flare pot holder of the character described which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, light in weight and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a perspective view of a flare pot holder constructed in accordance with the present invention, showing the device in use;

Figure 2 is a view in transverse section through the holder, taken substantially on the line 2—2 of Figure 1; and

Figure 3 is a plan view of the blank.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises an elongated plate 5 of suitable resilient metal which is adapted to be mounted longitudinally on the usual rail 6 of a conventional barricade. Toward this end, the plate 5 has formed integrally with its longitudinal edges spaced pairs of depending, substantially triangular legs or jaws 7 for receiving and frictionally gripping the rail 6 therebetween. As illustrated to advantage in Figure 2 of the drawing, the jaws 7 converge downwardly, the construction and arrangement being such as to tension said jaws for firmly gripping the rail 6 when the holder is applied thereto. Further, the resilient jaws 7 terminate, at their lower ends, in outwardly curved guides 8 to facilitate application to the rail 6.

The plate 5 is adapted to receive thereon the bottom or base of a flare pot 9. Also formed integrally with the longitudinal edges of the plate 5, between the pairs of jaws 7, is a pair of upwardly and outwardly inclined,

2

substantially concavo-convex flanges 10 for the reception of the flare pot 9 therebetween. The flanges 10, it will be observed, are substantially crescent-shaped and conform substantially to the contour of the flare pot 9. The ends of the flanges 10 are rounded as at 11 for safe handling.

Figure 3 of the drawing illustrates the blank 12 from which the holder is formed. The blank 12 comprises a substantially square metallic sheet in the corner portions of which diagonal slits 13 are stamped for defining the jaws 7 and the flanges 10. The jaws 7 and the flanges 10 are bent downwardly and upwardly on spaced, parallel lines 14 and the corners are rounded off for forming the holder.

It is thought that the manner in which the device is used will be readily apparent from a consideration of the foregoing. Briefly, the holder is mounted astraddle the barricade rail 6 with the tensioned resilient legs or jaws 7 firmly gripping said rail therebetween. The flare pot 9 is then positioned on the plate 5 where it is firmly retained between the conforming flanges 10.

It is believed that the many advantages of a flare pot holder constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

30 A flare pot holder comprising: an elongated substantially flat plate adapted to rest firmly upon an equally flat upper edge portion of a barricade rail, the median portion of said plate serving to seat a central bottom portion of a conventional spherical flare pot thereon, longitudinally spaced pairs of downwardly convergent resilient legs located at the respective transverse end portions of the plate and depending from said plate for receiving and frictionally gripping said rail therebetween, and upwardly and outwardly inclined flanges formed integrally with said longitudinal edges of said plate and situated opposite to each other between said pairs of legs and projecting well beyond the median portions of said longitudinal edges and conformingly shaped and adapted to embracingly receive the flare pot therebetween for retaining said flare pot in position and supported in part on the median portion of the plate, said legs being substantially triangular in elevation and having their apical ends disposed downwardly and flared outwardly to facilitate attachment of the legs to said barricade rail, and said flanges being concavo-convex and also substantially crescent-shaped in side elevation.

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