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# PATENT SPECIFICATION



Application Date : Oct. 14, 1933. No. 28479/33.

424,509

Complete Specification Left : Oct. 13, 1934.

Complete Specification Accepted; Feb. 22, 1935.

## PROVISIONAL SPECIFICATION

### Improvements relating to Wine Glasses and like Liquid Containers

We, STUART & SONS LIMITED, a Company duly incorporated under the Laws of Great Britain, of Red House Glass Works, Stourbridge, in the County of Worcester, and FREDERICK CHURTON PAULI, a British Subject, of the Company's address, do hereby declare the nature of this invention to be as follows:

This invention relates more particularly to wine glasses but it may be applied to other like liquid containers in which a cup part is mounted on the upper end of a supporting stem. Wine glasses and the like as ordinarily made are liable to fracture at the junction of the cup with the stem and the object of this invention is to provide an improved receptacle whereby this disadvantage is obviated and which enables a broken cup portion to be easily replaced without discarding the stem.

The invention comprises the combination of separate cup and stem portions and a clip device for effecting detachable connection between those parts.

In one manner of carrying the invention into effect, we make the cup portion

separate from the stem and base, and at the upper end of the stem we attach a resilient clip-like socket made from metal, synthetic resin or any other suitable material. The under part of the cup is adapted to detachably engage the socket. In one example the upper edge of the socket may be formed with an internal bead which is split in a number of portions to give it resiliency, and the lower part of the cup is formed with a groove which can engage the bead. Or the underside of the cup may be formed with a shallow boss having a circumferential groove for engaging the upper resilient portion of the socket.

If desired the socket may be formed or provided on a stem which is made from any suitable material other than glass. Moreover the entire article may be made from other material than glass, but in all cases the cup and stem portions are made separately and are adapted for detachable connection by a convenient clip device.

Dated this 13th day of October, 1933.

MARKS & CLERK.

## COMPLETE SPECIFICATION

### Improvements relating to Wine Glasses and like Liquid Containers

We, STUART & SONS LIMITED, a Company duly incorporated under the Laws of Great Britain, of Red House Glass Works, Stourbridge, in the County of Worcester, and FREDERICK CHURTON PAULI, a British Subject, of the Company's address, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

This invention has for its object to provide improved wine glasses or like liquid containers of the kind in which a cup part is detachably connected to the upper end of a supporting stem.

The invention comprises the combination of separate cup and stem portions, and a resilient clip device for effecting detachable connection between those parts, which clip device is attached to the

stem and is adapted to engage a groove formed either in the lower part of the cup or in a boss on the underside of the cup.

In the accompanying sheet of explanatory drawings:—

Figure 1 is a side elevation and Figure 2 a part sectional elevation showing one manner of carrying the invention into effect.

Figures 3 and 4 are respectively similar views to Figures 1 and 2 illustrating a modification.

In carrying the invention into effect as shown in Figures 1 and 2, we make the cup portion *a* separate from the stem *b* and base *c*, and at the upper end of the stem we attach a resilient clip-like socket *d* made from metal, synthetic resin or any other suitable material. The under part of the cup is adapted to detachably

engage the socket. In the example shown the upper edge of the socket may be formed with an internal bead or projection *e* and is split in a number of portions to give it resiliency, and the lower part of the cup is formed with a groove *f* which can engage the bead *e*. Or the underside of the cup may be formed, as shown in Figures 3 and 4, with a shallow boss having a circumferential groove for engaging the upper resilient portion of the socket.

In the example shown in Figures 3 and 4 the upper part of a stem *b* is provided with a socket *d* in which is secured a resilient metal clip *g* adapted to engage detachably a groove around a small boss *h* on the lower end of the cup *a*.

If desired the socket may be formed or provided on a stem which is made from any suitable material other than glass. Moreover the entire article may be made from other material than glass, but in all

cases the cup and stem portions are made separately.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is.—

1. A wine glass or other like liquid container having separate cup and stem portions, and a resilient clip device for effecting detachable connection between those parts, which clip device is attached to the stem and is adapted to engage a groove formed either in the lower part of the cup or in a boss on the underside of the cup, substantially as described.

2. A wine glass or other like liquid container as claimed in Claim 1 and comprising the combination of parts substantially as described and as illustrated in Figures 1 and 2, or 3 and 4 of the accompanying drawings.

Dated this 10th day of October, 1934.

MARKS & CLERK.

[This Drawing is a reproduction of the Original on a reduced scale.]

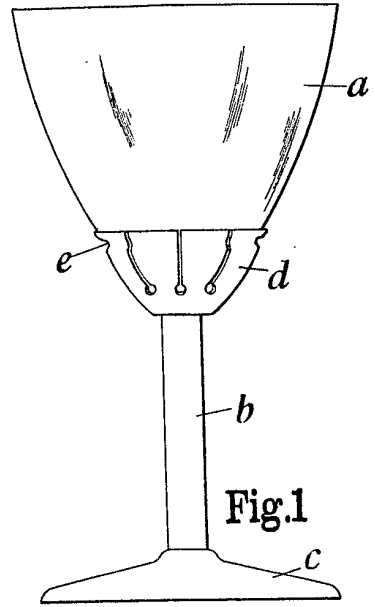


Fig. 1

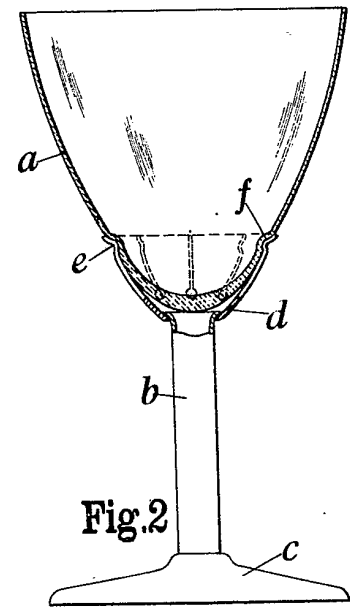


Fig. 2

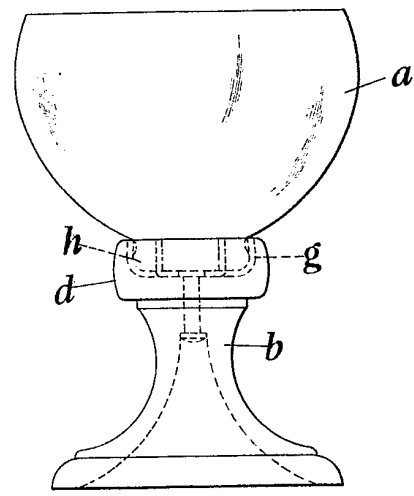


Fig. 3

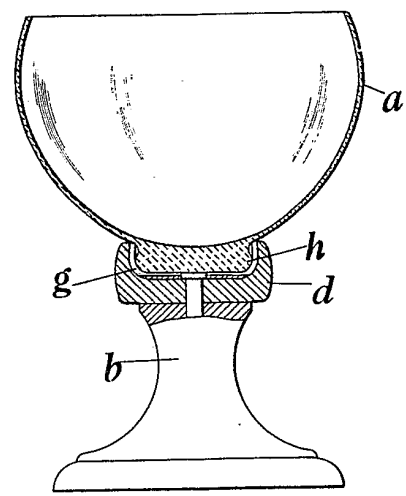


Fig. 4