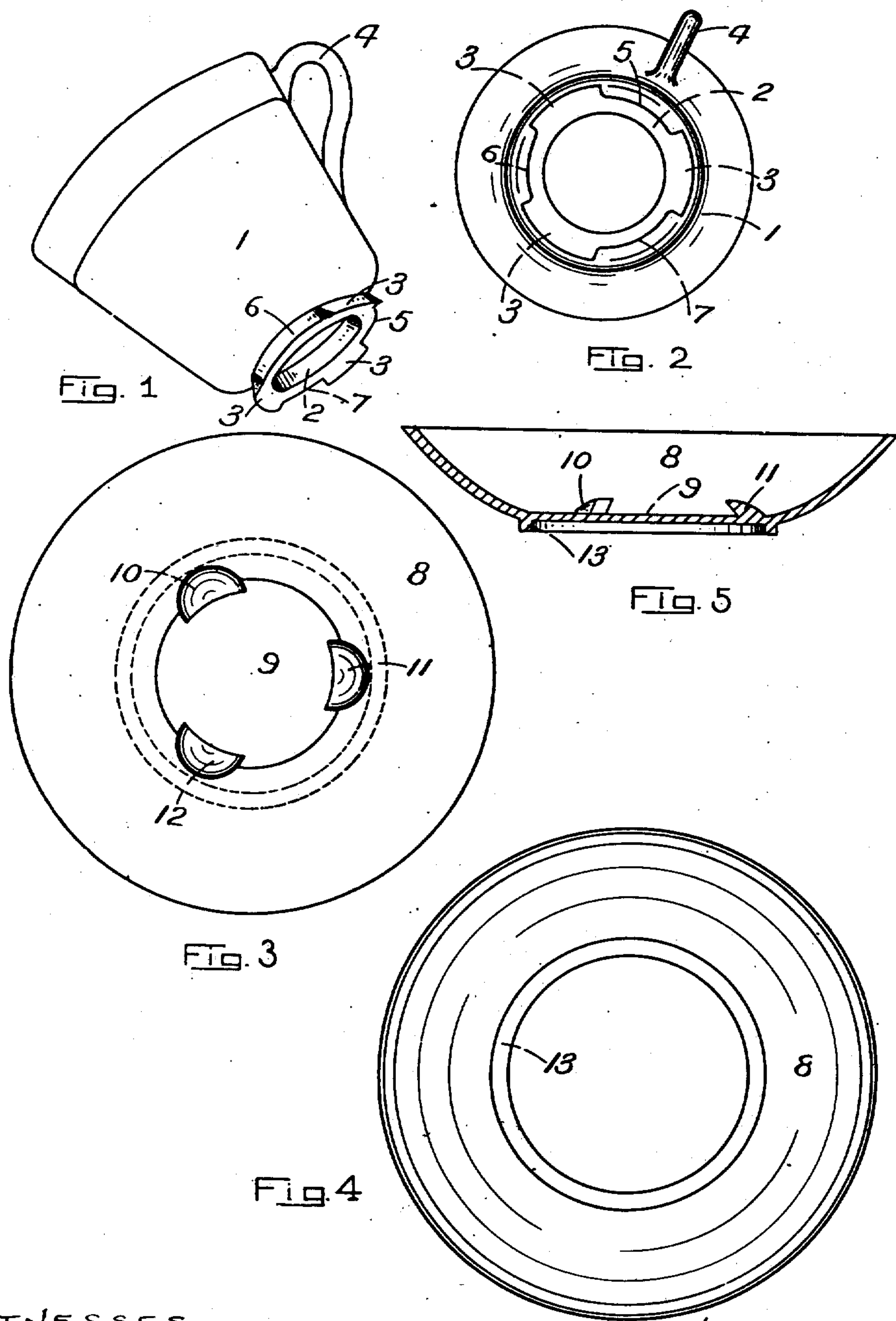


D. A. STEWART.
CUP AND SAUCER.
APPLICATION FILED OCT. 5, 1907.

899,811.

Patented Sept. 29, 1908.



WITNESSES
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UNITED STATES PATENT OFFICE.

DAVID ALEXANDER STEWART, OF ROSLYN, NEW ZEALAND, ASSIGNOR OF ONE-HALF TO
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CUP AND SAUCER.

No. 899,811.

Specification of Letters Patent.

Patented Sept. 29, 1908.

Application filed October 5, 1907. Serial No. 896,085.

To all whom it may concern:

Be it known that I, DAVID ALEXANDER STEWART, subject of Great Britain, residing at 42 Forth street, Roslyn, Dunedin, New Zealand, have invented new and useful Improvements in Cups and Saucers, of which the following is a specification.

The objects of this invention are to provide means for securing or locking cups to saucers so that they may be readily taken apart or secured together when desired, and so that nevertheless the saucers may be packed to occupy a small space and when desired the cup may be placed in the saucer in a stable position without being secured thereto.

The invention consists of the features and combination and arrangement of parts hereinafter set forth or illustrated in the drawings and more particularly pointed out in the claims.

In the accompanying drawings, in which similar numerals of reference indicate similar parts. Figure 1. is a perspective view of the cup, showing the beveled lugs. Fig. 2. is a plan of the cup inverted. Fig. 3. is a plan of the saucer showing the interior buttons. Fig. 4. is a plan of the saucer inverted. Fig. 5. is a sectional view of the saucer through one of the buttons.

The objects of the invention are effected by making the cup (1) with the circular flange (2) at the bottom thereof deeper than usual and with outwardly beveled lugs (3) projecting therefrom at intervals. These beveled lugs are formed when finishing the cup, the flange (2) being made all round with its inner face vertical and its outer face beveled, the portions (5) (6) (7) between the lugs (3) being afterwards cut out vertical, one of them being preferably under the handle (4). The saucer (8) preferably has its base (9) flat inside, and it has preferably three buttons (10) (11) (12) equidistantly placed round the base (9) and having beveled inner faces corresponding to the bevel of the lugs (3) on the bottom of the cup (1) which are adapted to take under the beveled edges of the buttons. The buttons are preferably molded on the saucer so as to be made as small as possible, the upper surfaces are rounded for ready cleaning and the buttons are made in sizes to suit the particular make of cup and saucer dealt with. The circular external flange (13) on the bottom of the saucer is made of greater diameter

and depth than usual and plain, so that when a number of saucers are packed together the external circular flanges (13) thereof rest outside the buttons (10) (11) (12) before described, and the bottom of one saucer sits over the top of the buttons of the saucer underneath it. The deep flange (2) and hollow on the bottom of the cup (1) allows the cup when in use to be placed in a stable position on the saucer without necessarily being locked, one of the buttons being covered by the cup within the flange (2) thereof. The bottom of the cup is also made hollow to better effect this.

In operation, the cup is held as usual by the handle and placed on the saucer so that the spaces (5) (6) (7) are above the buttons (10) (11) (12) the lugs (3) of the cup resting on the saucer between the buttons. The cup is then slightly turned to cause the beveled lugs (3) to take under the beveled edges of the buttons which hold it until the cup is removed by a similar reverse action.

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

1. In combination a saucer, a series of buttons integral therewith surrounding the inside bottom thereof, a cup, a flange on the base of the cup and means whereby the said flange engages said buttons so as to disengageably fasten the cup to the saucer substantially as described.

2. In combination a saucer, a series of buttons having beveled inner faces integral with and surrounding the inside bottom of the saucer, a cup and beveled lugs round the base of the cup coöperating with said buttons whereby the cup may be disengageably fastened to the saucer substantially as described.

3. In combination a saucer, a series of buttons integral therewith surrounding the inside bottom thereof a cup, a flange on the base of the cup and means whereby the said flange engages said buttons so as to disengageably fasten the cup to the saucer, the cup having a hollowed under surface whereby it may be placed on the saucer without being fastened thereto substantially as described.

4. In combination a saucer, a series of buttons integral therewith surrounding the inside bottom thereof a cup, a flange on the base of the cup and means whereby the said

flange engages said buttons so as to disengageably fasten the cup to the saucer, the saucer having a circular flange of large diameter on its under surface whereby a
5 number of saucers may be superimposed to occupy small space in packing substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID ALEXANDER STEWART.

Witnesses:

ANDREW JOHN PARK,
JOHN RUTHERFORD PARK.