

PATENT SPECIFICATION (11)

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DRAWINGS ATTACHED

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(54) EGG SEPARATOR

(71) We, DART INDUSTRIES INC., a Corporation organised and existing under the Laws of the State of Delaware, United States of America, of 8480 Beverly Boulevard, Los Angeles, State of California, 90054, United States of America, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to an egg separator that is adapted to separate the white from the yolk of an egg. More particularly, the invention concerns such a separator that may be easily attached to various sizes of bowls, glasses or like receptacles, without concern about its handle spanning capability.

Prior art egg separators, although quite satisfactory in many respects, generally incorporated only a main separating body portion, a handle and one or more oppositely positioned projecting arms, all of which are integrally connected. These separators lacked rigidity and during use, had to be either held in the hand or suspended across and between the wall of the bowl or other receptacles, which was to receive the egg white. The combined length of the main body, arms and handle therefore was a limiting factor in determining the size of bowl which could be conveniently spanned by such separators. And, of course, the user, if employing a bowl larger than was capable of being spanned, would be further inconvenienced and usually have difficulty as he held the separator and simultaneously introduced the egg into it for separation.

The egg separator of this invention mitigates these particular deficiencies with a handle construction that incorporates a slotted flange arrangement. Such construction not only adds to the handle rigidity, but also provides a means by which the separator may be suspended from the edge of any bowl, dish, or cup, regardless of its overall size. Thus, the user's hands will be freed for attendance to the related tasks.

The invention provides an egg separator comprising a body having a plurality of

passages near its lower portion and a handle connected to said body, said handle having an upper surface and a downwardly extending flange integral with said upper surface characterized in that said flange has a pair of mutually opposed slots being of a depth and width which permits said slots to engage the rim of a receiving container so that said pair of slots hold said body over said container without additional support.

The invention also provides an egg separator comprising a body having a plurality of passages near its lower portion and a handle connected to said body, said handle having an upper surface and a downwardly extending flange integral with said upper surface, said flange having a pair of mutually opposed downwardly facing slots proximate said body.

The invention also provides an egg separator comprising a handle, lip and body said body comprising a body ring having a top and bottom rim, a cup having an upper peripheral ridge and a plurality of shoulders connecting portions of said upper peripheral ridge to said bottom rim, said body having a plurality of passages defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders, said handle being connected to said body and having an upper surface and a downwardly extending peripheral flange integral with said upper surface said flange having a pair of mutually opposed slots proximate said body and said lip being connected to said body in opposed relationship to said handle.

A specific embodiment of the invention will now be described by way of example with reference to the accompanying drawings of which:—

Figure 1 is a perspective view illustrating a preferred embodiment of an egg separator adapted for attachment to the edge or rim of a bowl or the like,

Figure 2 is a cross-sectional view of the egg separator taken along line 2—2 of Figure 1, and

Figure 3 is a cross-sectional view of the separator taken along line 3—3 of Figure 1.

In the preferred embodiment of the in-

[Price 25p]

Price 33p

vention, as contemplated, the egg separator is comprised of a body 10 formed with an integral handle 11 and a lip portion 12. As may best be seen in Figure 1, the body 10 in part consists of a substantially annular member or body ring 13 from which the handle 11 and lip 12 project in a substantially opposed relationship.

A shallow annular cup 14 of a diameter slightly smaller than the inner diameter of the body ring 13 is connected to it by means of shoulders or flanges 18. These shoulders (Figure 2) extend substantially perpendicularly from a ridge 17 that defines the upper periphery of cup 14, and are connected to a bottom rim 16 of the body 13. Note that the shoulders 18 are not continuous but rather are diametrically opposite each other, thus forming a pair of opposed passages 19 (Figure 3) for the separated whites of an egg to pass downwardly through.

With continued reference to Figures 1 and 2, it may be seen that the handle 11 and lip 12 project oppositely from a top rim 15 of body ring 13. These projecting elements extend in an approximately horizontal relationship immediately adjacent the body ring 13 and then are tapered to their terminal points. As is readily apparent, handle 11 extends a substantially greater distance than lip portion 12, however, both are carefully proportioned in accordance with the size of body 10.

Handle 11 includes an upper surface 21 to which is attached a downwardly directed peripheral flange 22. This flange is further attached at its ends 24 to the continuous sidewall 20 of body ring 13. Likewise, there are similarly attached downwardly extending flanges (unnumbered) projecting from the lip portion 12.

The handle flanges 22 are slotted as at 23 in mutually opposed positions, equidistant from and proximate to the body ring 13. These flange slots are shaped to fit over the edge or rim of the bowl or like receptacle, into which the egg white is intended to be collected. Thus, it should now be apparent that in instances where the size of the bowl or other collection implement does not enable it to be spanned by the described separator, effective use may be made of the slots 23 to securely attach the separator to the edge of the implement.

WHAT WE CLAIM IS:—

1. An egg separator comprising a body having a plurality of passages near its lower portion and a handle connected to said body, said handle having an upper surface and a downwardly extending flange integral with said upper surface characterized in that said flange has a pair of mutually opposed slots

being of a depth and width which permits said slots to engage the rim of a receiving container so that said pair of slots hold said body over said container without additional support.

2. An egg separator as claimed in claim 1 in which the upper surface has a pair of integral downwardly extending flanges having a pair of mutually opposed downwardly open slots proximate said body.

3. An egg separator as claimed in claim 2 in which the body comprises a body ring having a top and bottom rim, and a cup having an upper peripheral ridge and a plurality of shoulders connecting portions of said upper peripheral ridge to said bottom rim, the plurality of passages aforesaid being defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders.

4. An egg separator as claimed in claim 3 in which two passages are defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders, and the aforesaid pair of mutually opposed slots are substantially equidistant from and proximate to said body.

5. An egg separator as claimed in any one of the preceding claims in which there is a lip connected to the body in opposed relationship with the handle.

6. An egg separator comprising a body having a plurality of passages near its lower portion and a handle connected to said body, said handle having an upper surface and a downwardly extending flange integral with said upper surface, said flange having a pair of mutually opposed downwardly open slots proximate said body.

7. An egg separator comprising a handle, lip and body said body comprising a body ring having a top and bottom rim, a cup having an upper peripheral ridge and a plurality of shoulders connecting portions of said upper peripheral ridge to said bottom rim, said body having a plurality of passages defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders, said handle being connected to said body and having an upper surface and a downwardly extending peripheral flange integral with said upper surface, said flange having a pair of mutually opposed downwardly open slots proximate said body and said lip being connected to said body in opposed relationship to said handle.

8. An egg separator substantially as hereinbefore described with reference to and as shown in the accompanying drawings.

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vention, as contemplated, the egg separator is comprised of a body 10 formed with an integral handle 11 and a lip portion 12. As may best be seen in Figure 1, the body 10 in part consists of a substantially annular member or body ring 13 from which the handle 11 and lip 12 project in a substantially opposed relationship.

A shallow annular cup 14 of a diameter slightly smaller than the inner diameter of the body ring 13 is connected to it by means of shoulders or flanges 18. These shoulders (Figure 2) extend substantially perpendicularly from a ridge 17 that defines the upper periphery of cup 14, and are connected to a bottom rim 16 of the body 13. Note that the shoulders 18 are not continuous but rather are diametrically opposite each other, thus forming a pair of opposed passages 19 (Figure 3) for the separated whites of an egg to pass downwardly through.

With continued reference to Figures 1 and 2, it may be seen that the handle 11 and lip 12 project oppositely from a top rim 15 of body ring 13. These projecting elements extend in an approximately horizontal relationship immediately adjacent the body ring 13 and then are tapered to their terminal points. As is readily apparent, handle 11 extends a substantially greater distance than lip portion 12, however, both are carefully proportioned in accordance with the size of body 10.

Handle 11 includes an upper surface 21 to which is attached a downwardly directed peripheral flange 22. This flange is further attached at its ends 24 to the continuous sidewall 20 of body ring 13. Likewise, there are similarly attached downwardly extending flanges (unnumbered) projecting from the lip portion 12.

The handle flanges 22 are slotted as at 23 in mutually opposed positions, equidistant from and proximate to the body ring 13. These flange slots are shaped to fit over the edge or rim of the bowl or like receptacle, into which the egg white is intended to be collected. Thus, it should now be apparent that in instances where the size of the bowl or other collection implement does not enable it to be spanned by the described separator, effective use may be made of the slots 23 to securely attach the separator to the edge of the implement.

WHAT WE CLAIM IS:—

1. An egg separator comprising a body having a plurality of passages near its lower portion and a handle connected to said body, said handle having an upper surface and a downwardly extending flange integral with said upper surface characterized in that said flange has a pair of mutually opposed slots

being of a depth and width which permits said slots to engage the rim of a receiving container so that said pair of slots hold said body over said container without additional support.

2. An egg separator as claimed in claim 1 in which the upper surface has a pair of integral downwardly extending flanges having a pair of mutually opposed downwardly open slots proximate said body.

3. An egg separator as claimed in claim 2 in which the body comprises a body ring having a top and bottom rim, and a cup having an upper peripheral ridge and a plurality of shoulders connecting portions of said upper peripheral ridge to said bottom rim, the plurality of passages aforesaid being defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders.

4. An egg separator as claimed in claim 3 in which two passages are defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders, and the aforesaid pair of mutually opposed slots are substantially equidistant from and proximate to said body.

5. An egg separator as claimed in any one of the preceding claims in which there is a lip connected to the body in opposed relationship with the handle.

6. An egg separator comprising a body having a plurality of passages near its lower portion and a handle connected to said body, said handle having an upper surface and a downwardly extending flange integral with said upper surface, said flange having a pair of mutually opposed downwardly open slots proximate said body.

7. An egg separator comprising a handle, lip and body said body comprising a body ring having a top and bottom rim, a cup having an upper peripheral ridge and a plurality of shoulders connecting portions of said upper peripheral ridge to said bottom rim, said body having a plurality of passages defined by unconnected portions of the upper peripheral ridge, the bottom rim and the shoulders, said handle being connected to said body and having an upper surface and a downwardly extending peripheral flange integral with said upper surface, said flange having a pair of mutually opposed downwardly open slots proximate said body and said lip being connected to said body in opposed relationship to said handle.

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