

(12) UK Patent Application (19) GB (11) 2 397 781 (13) A

(43) Date of A Publication 04.08.2004

(21) Application No: 0302180.5

(22) Date of Filing: 30.01.2003

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(51) INT CL⁷:
A47J 43/10

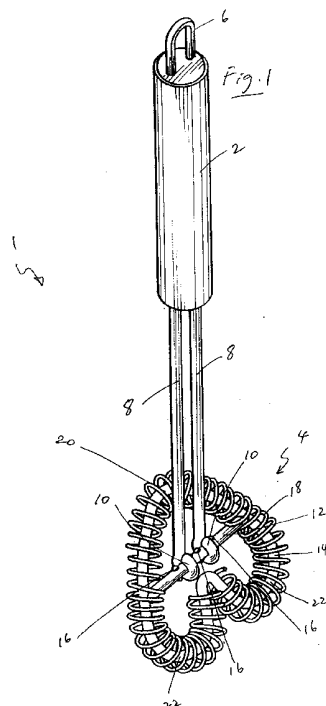
(52) UK CL (Edition W):
B1C CAU C102

(56) Documents Cited:
DE 000159759 A **US 2442326 A**

(58) Field of Search:
INT CL⁷ **A47J, B01F**
Other: Online: EPODOC, JAPIO, WPI, WORLD WIDE
WEB

(54) Abstract Title: **Culinary whisk with pivotally movable planar part**

(57) A culinary whisk 1 has an elongate handle 2, and a generally planar utility portion 4 connected to the handle so as to be pivotally movable about an axis, such as the axis of crosspiece 12, perpendicular to the axis of the handle. This pivotal movement facilitates storage of the whisk and the whisking action. Lugs 16 can serve to centre curved fingers 10 of legs 8 on crosspiece 12 and a coil of wire 18 can be provided on loop 14 so as to facilitate the beating action and aeration of foodstuffs. Utility portion 4 can be heart-shaped as shown or oval (Figs 5-7) or triangular shaped.



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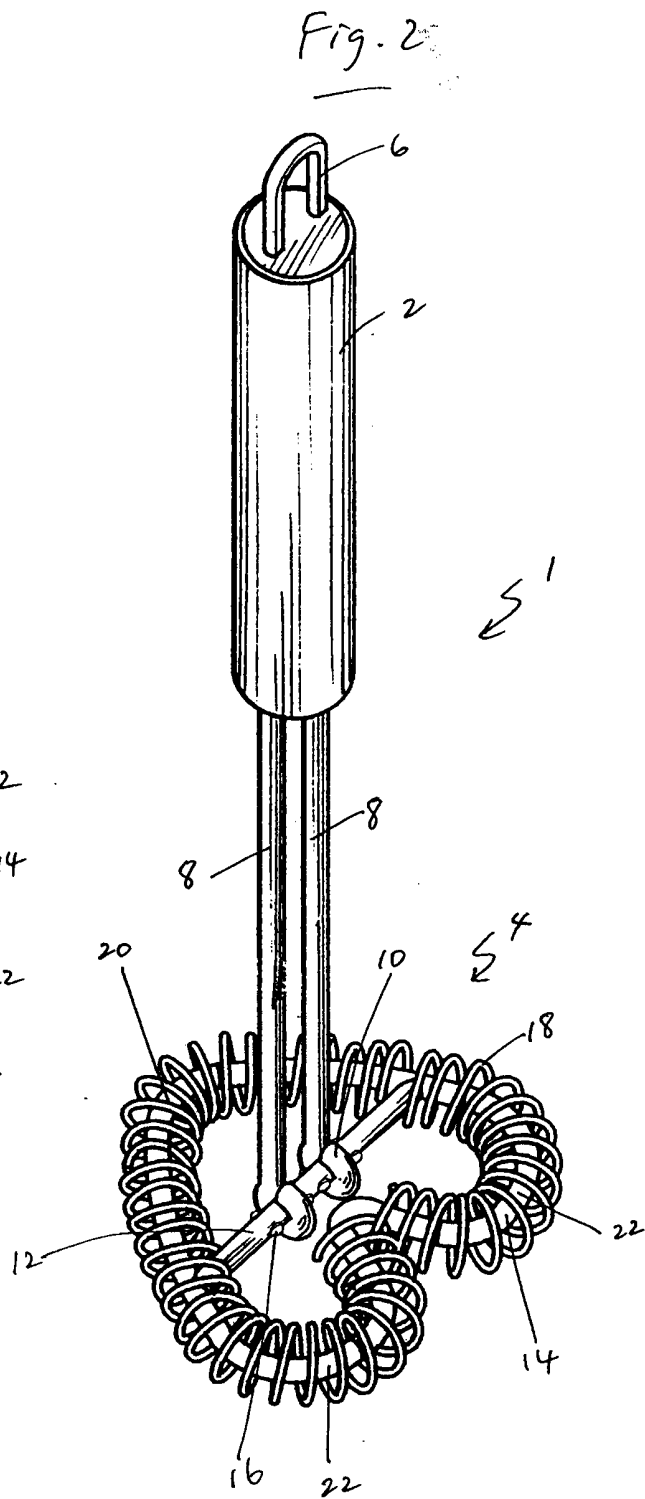
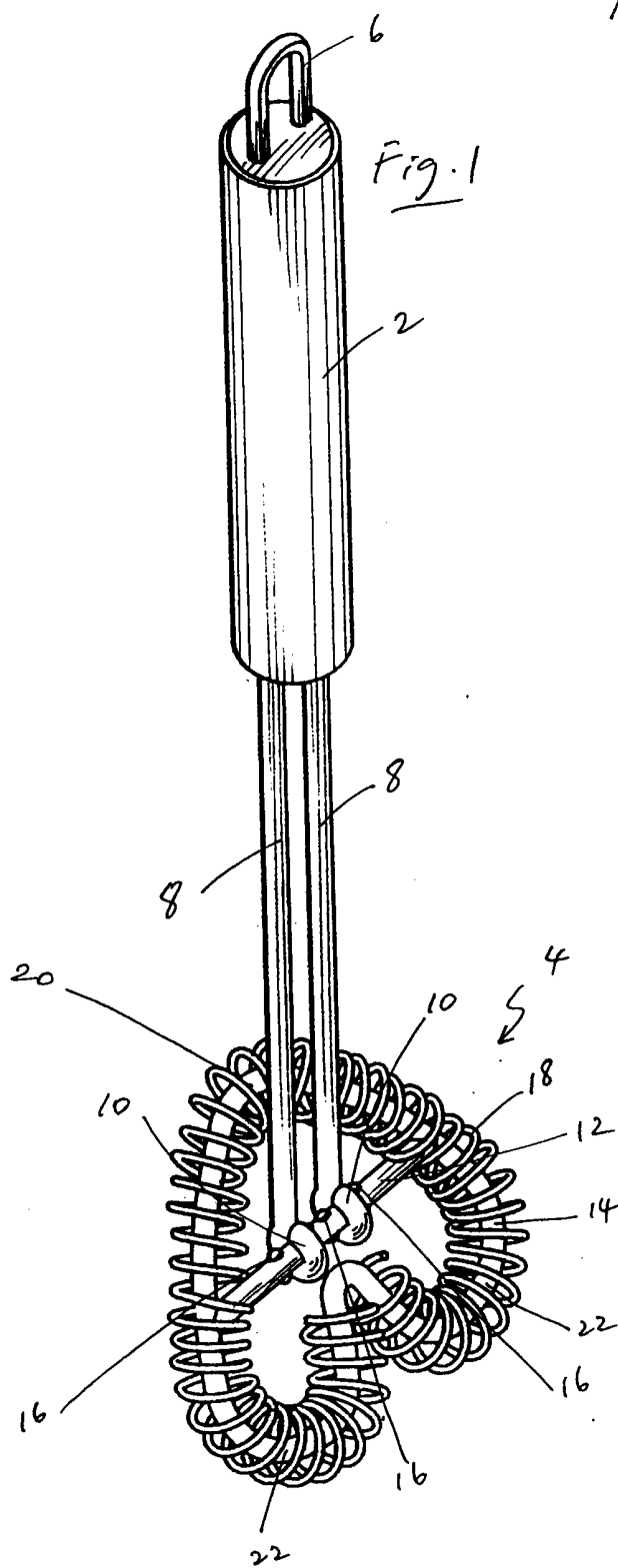
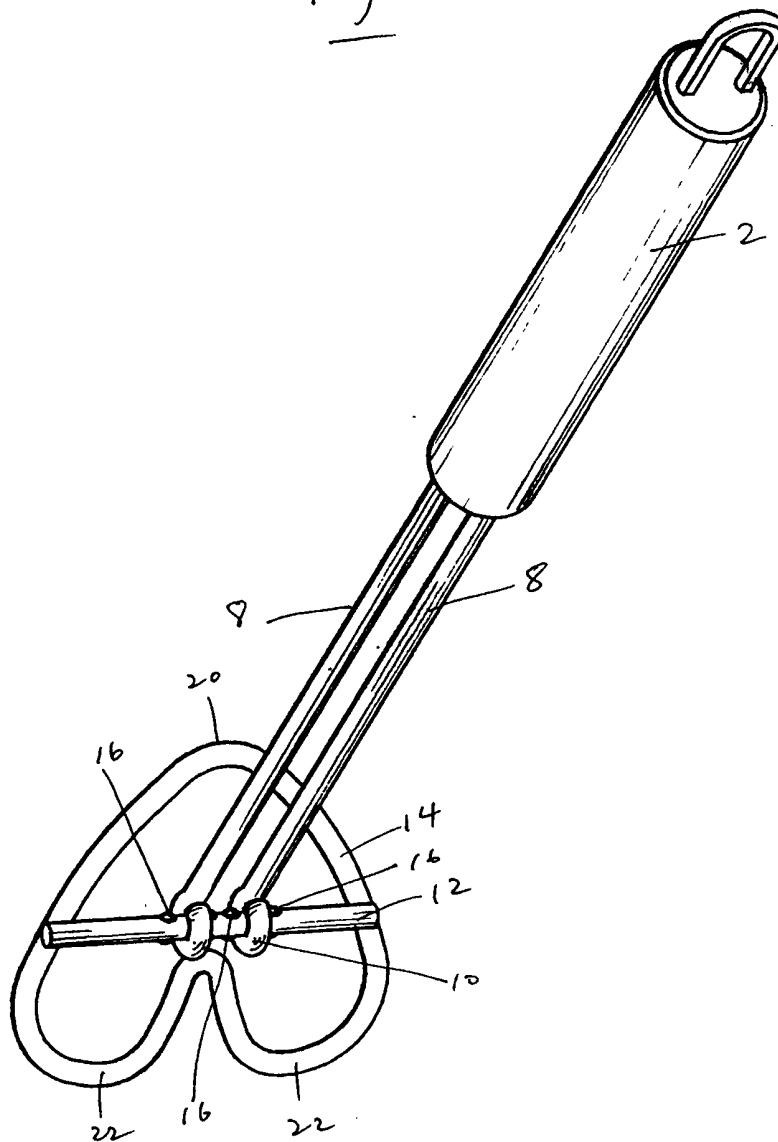


Fig. 3

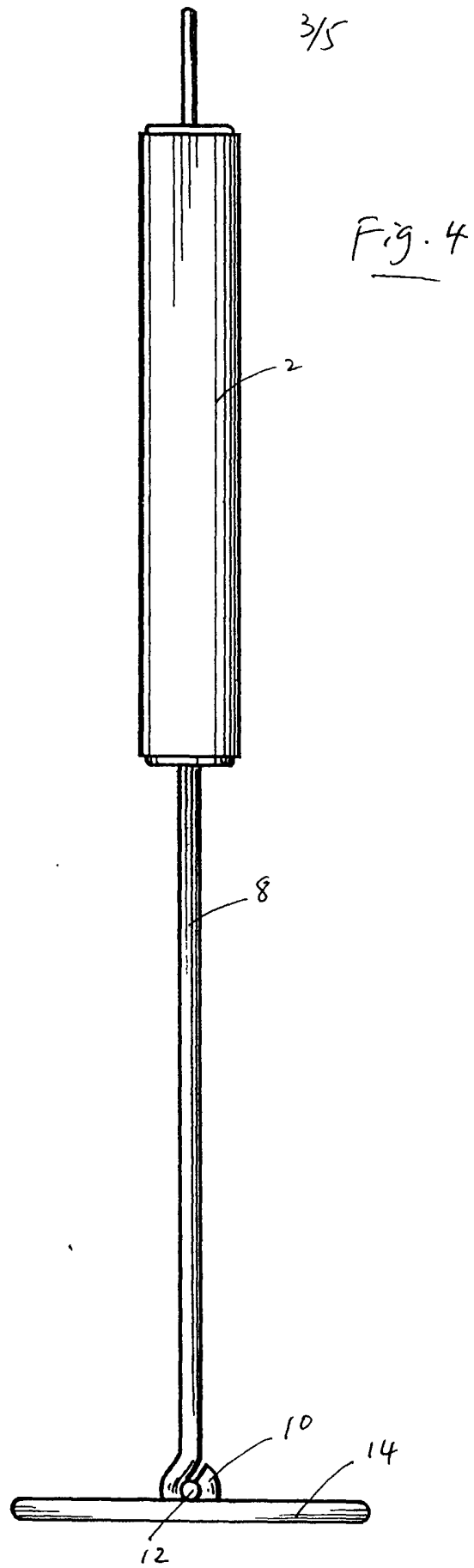


Fig. 5

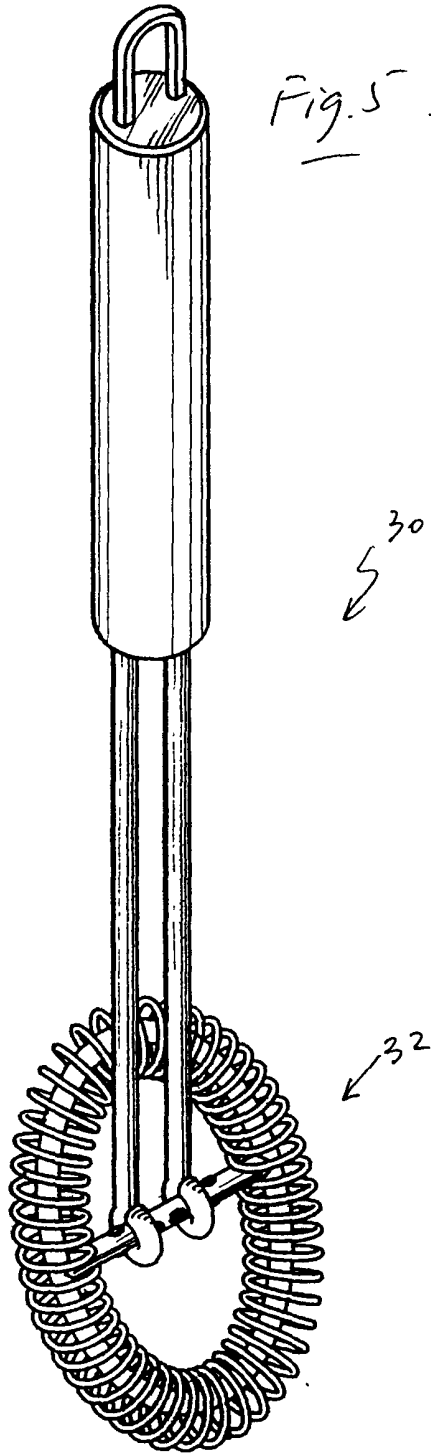
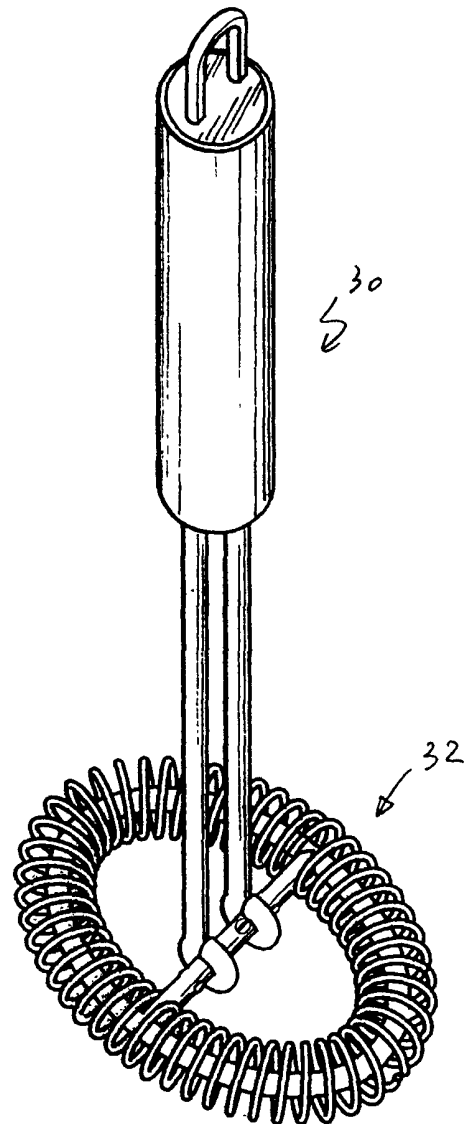
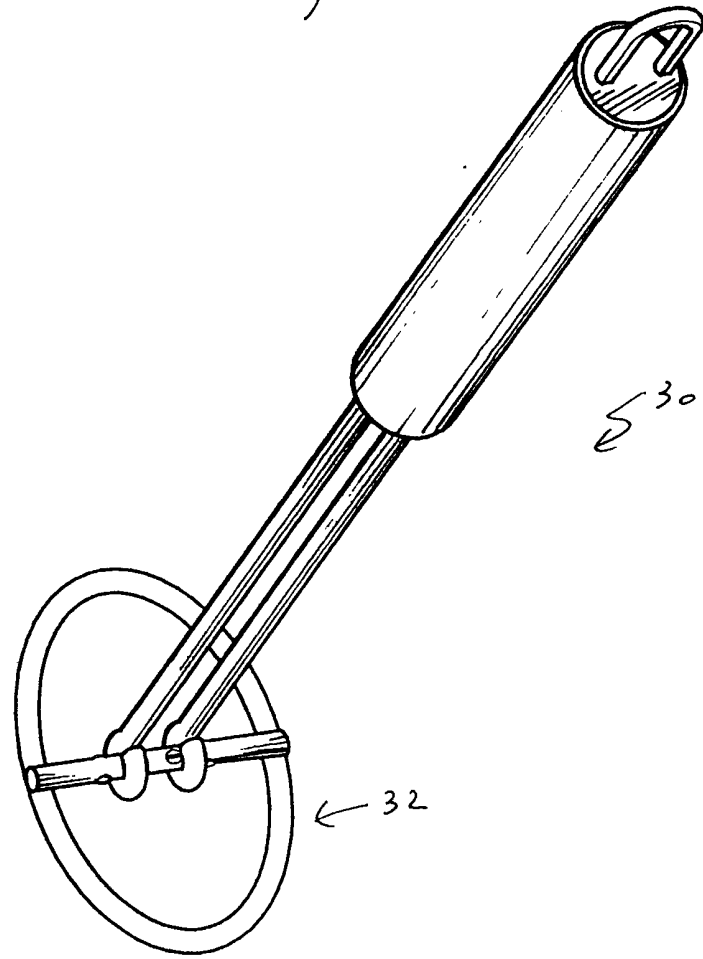


Fig. 6



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Fig. 7.



CULINARY UTENSIL

The present invention relates to a culinary utensil and in particular a culinary whisk.

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Conventional culinary whisks can take a variety of forms the most common form being what is known a balloon whisk. Such a whisk usually comprises a handle and a utility portion formed of a plurality of metallic wire loops spaced
10 angularly about the axis of the handle to define a generally balloon like shape. One disadvantage of this type of culinary whisk is that it is relatively bulky, and mixing or beating foodstuffs thereby is often not satisfactory because the loops at their lower regions often
15 cannot effectively reach into any corners in a container containing the foodstuffs. Another disadvantage is that after use the loops of wire, which are fixed to the handle, are difficult to clean. Yet another disadvantage is that the balloon shape of the wires takes up a lot of storage
20 space for example in a drawer.

The present invention seeks to provide a utensil which addresses these problems, or at least to provide an alternative to the public.

According to a first aspect of the present invention, there is provided a culinary whisk comprising an elongate handle, and a generally planar utility portion connected to the handle so as to be pivotably movable about an axis perpendicular to the axis of the handle.

Preferably, the utility portion may comprise a plurality of wires. The utility portion may suitably comprise a generally planar wire loop and a coil of relatively fine wire extending around the wire loop. The coil of wire may be loosely wound around the wire loop to allow limited movement of the coil on the loop.

The wire loop may be provided with a crosspiece to which the pivotable connection is made. The handle may be joined to the wire loop by a pair of legs extending from the handle. In particular, the legs may comprise bent over end regions bent around said crosspiece.

The crosspiece may be provided with lugs preventing lateral movement of the wire loop relative to the legs.

The wire loop may alternatively be connected to the handle by other means such as a universal joint.

The crosspiece and the rest of wire loop may substantially be arranged on different planes for connecting the wire loop to the handle. Alternatively, the crosspiece and the
5 rest of the wire loop may substantially be arranged on a same plane.

The wire loop may be formed with at least one pointed region. Preferably, the wire loop may be of heart shaped.
10 The wire loop may also be of oval shaped. The wire loop may also be of triangular shaped.

Some embodiments of the present invention will now be described by way of example and with reference to the
15 accompanying drawings, in which:-

Figure 1 shows a perspective view of a first embodiment of a culinary whisk according to the present invention;

Figure 2 shows an alternative perspective view of the culinary whisk shown in Figure 1 in a different
20 configuration;

Figure 3 shows a perspective view of the culinary whisk shown in Figure 1 with a length of wire removed;

Figure 4 shows a side view of the culinary whisk shown in Figure 3;

Figure 5 shows a perspective view of a second embodiment of a culinary whisk according to the present invention;

Figure 6 shows an alternative perspective view of the culinary whisk shown in Figure 5 in a different configuration; and

Figures 7 shows a perspective view of the culinary whisk shown in Figure 7 with a length of wire removed.

Referring to the figures, Figures 1 to 4 show a first embodiment of a culinary whisk according to the present invention. The culinary whisk, generally designated 1, comprises a handle 2 of cylindrical shape and a utility portion 4. The handle 2 is provided with a hanging hook 6 at its upper end. A pair of legs 8 extends from the opposite lower end thereof. The handle 2 is connected to the utility portion 4 via the pair of legs 8. The utility portion 4 comprises an arrangement having a plurality of wires which in use serves to effectively contact the foodstuff over a wide area thereby effectively aerating the foodstuff on beating. In the preferred embodiment there is a main loop 14 of stiff wire having a rod-like crosspiece

12. The legs 8 have respective fingers 10 at their lower ends which curve around the crosspiece 12 which extends laterally relative to the axis of the handle 2 such that the utility portion 4 of the whisk 1 can pivotably move
5 about the lateral axis of the crosspiece 12. Lugs 16 are provided at the crosspiece 12 adjacent the curved fingers 10 for confining the relative lateral position of the utility portion 4 and the handle 2 of the whisk 1. The utility portion 4 is provided with a coil of fine wire 18
10 spiraling along the loop 14 extending along at least the majority of the loop 14. The coil of wire 18 is sufficiently fine so that the coil of wire 18 has a degree of resilience and is loosely constructed so that it can move slightly relative to the wire loop. As can be seen in
15 this embodiment, the loop 14 of the utility portion 4 is generally of heart-shaped having a pointed region 20 and two rounded regions 22.

For the sake of clarity, Figures 3 and 4 also show the
20 culinary whisk 1 but without the length of wire 18 spiraling along the loop 14. It is shown in these figures that the crosspiece 12 is welded to and arranged to join the loop 14 on its upper side.

Figure 1 shows the culinary whisk 1 with the utility portion 4 in a configuration in which the pointed region 20 thereof points upwardly. Figure 2 shows the culinary whisk 1 with the utility portion 4 in an alternative flattened configuration in which both the sharper region 20 and the two round regions 22 are at about the same horizontal level. As shown by these two figures, the utility portion 4 of the whisk 1 can pivot about the axis of the crosspiece 12 attached to the loop 22. This is especially useful in whisking or beating a foodstuff in a bowl as the plane of the utility portion can follow the sides of the bowl.

The construction of the pointed region 20 of the utility portion and the ability to pivot facilitates the reaching into a narrow corner in a dish or other receptacle.

Figures 5 to 7 show a second embodiment of a culinary whisk 30. The culinary whisk 30 is generally similar to the culinary whisk 1 except the utility portion 32 and specifically the wire loop is oval-shaped.

It will be appreciated that a wide variety of other shapes and constructions of the utility portion may be used, for example a triangular-shaped utility portion may be used.

Shapes having at least a region of narrowed or pointed form for reaching into tight corners are preferred. It is also to be appreciated that while the wire loop of the utility portion may be a closed loop, a loop with an open region

5 may also be used.

Claims:

1. A culinary whisk comprising an elongate handle, and a generally planar utility portion connected to the handle so as to be pivotably movable about an axis perpendicular to the axis of the handle.
2. A culinary whisk according to Claim 1 wherein the utility portion comprises a plurality of wires.
3. A culinary whisk according to Claim 1 or 2 wherein the utility portion comprises a generally planar wire loop and a coil of relatively fine wire extending around the wire loop.
4. A culinary whisk according to Claim 3 wherein said coil of wire is loosely wound around the wire loop to allow limited movement of the coil on the loop.
5. A culinary whisk according to Claim 3 or 4 wherein the wire loop is provided with a crosspiece to which said pivotable connection is made.

6. A culinary whisk according to Claim 3, 4 or 5 wherein the handle is joined to the wire loop by a pair of legs extending from the handle.
- 5 7. A culinary whisk according to Claim 6 wherein the legs comprises bent over end regions bent around said crosspiece.
8. A culinary whisk according to Claim 7 wherein said
10 crosspiece is provided with lugs preventing lateral movement of the wire loop relative to the legs.
9. A culinary whisk according to any one of Claims 3 to 8 wherein the wire loop is formed with at least one
15 pointed region.
10. A culinary whisk according to any one of Claims 3 to 9 wherein the wire loop is of heart shaped.
- 20 11. A culinary whisk according to any one of Claims 3 to 9 wherein the wire loop is of oval shaped.
12. A culinary whisk according to any one of Claims 3 to 9 wherein the wire loop is of triangular shaped.

13. A culinary whisk substantially as hereinbefore described and as illustrated with reference to the accompanied drawings.



INVESTOR IN PEOPLE

Application No: GB 0302180.5
Claims searched: 1-13

Examiner: Conal Clynych
Date of search: 6 March 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance
A		US 2442326 A (PRIBIL)
A		DE 000159759 A (PALEY & BUSSEY)

Categories:

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^v:

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Worldwide search of patent documents classified in the following areas of the IPC⁷:

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The following online and other databases have been used in the preparation of this search report:

Online: EPODOC, JAPIO, WPI, WORLD WIDE WEB
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