

CLAIMS:

1. An outlet valve for an ostomy bag comprising: a valve base for attachment to a face of the ostomy appliance, the valve base defining a base opening for receiving a liquid output from the ostomy bag; and an outlet element configured to be rotatable relative to the valve base from a closed configuration in which discharge of the liquid received through the base opening is prevented, to an open configuration in which discharge of the liquid received through the base opening is enabled; wherein one of the outlet element and the valve base comprises a detent and the other of the outlet element and the valve base comprises one or more protrusions; and wherein the detent is configured to engage the one or more protrusions during a rotation of the outlet element such that the detent contacts and rides over one or more of the protrusions during the rotation.
2. An outlet valve as claimed in claim 1 wherein one of the outlet element and the valve base comprises a detent and the other of the outlet element and the valve base comprises two or more protrusions.
3. An outlet valve as claimed in claim 2 wherein the valve base comprises a detent and the outlet element comprises two or more protrusions.
4. An outlet valve as claimed in any preceding claim, wherein the outlet element is rotatable such that the outlet tube moves through an arc of rotation, and wherein at a first end of the arc of rotation, the outlet element is in the closed configuration, and at a second end of the arc of rotation, the outlet element is in the open configuration, and wherein the detent is configured to engage at least one protrusion at a point during rotation of the outlet element that does not correspond to the first end of the arc of rotation.
5. An outlet valve as claimed in claim 4, wherein the detent is further configured to engage at least one protrusion at a point during rotation of the outlet element that corresponds to the second end of the arc of rotation.
6. An outlet valve as claimed in claim 4 or claim 5, wherein the detent is configured to engage at least one protrusion when the outlet element is at, or near a limit position,

wherein the limit position is defined as a point on the arc of rotation at which the outlet element is furthest from the first end and also still in the closed configuration.

- 5 7. An outlet valve as claimed in any preceding claim wherein the outlet element comprises an outlet tube at its distal end.
8. An outlet valve as claimed in claim 7 wherein the outlet tube is rotatable in a plane generally perpendicular to an attachment face of the valve base.
- 10 9. An outlet valve as claimed in claim 7 or claim 8 wherein the outlet element is rotatable such that the outlet tube moves through an arc of rotation;
 wherein at a first end of the arc of rotation, the outlet element is in the closed configuration, and at a second end of the arc of rotation, the outlet element is in the open configuration;
15 wherein a limit position of the outlet tube is defined at a point on the arc of rotation furthest from the first end at which the outlet element is still in the closed configuration; and
 wherein a protrusion of the one or more protrusions is arranged such that the protrusion contacts the detent when the outlet element is at or near the limit
20 position during rotation.
10. An outlet valve as claimed in claim 9 wherein the outlet element is configured such that in the limit position, in use, the outlet tube is angled generally upwards and at an acute angle to the valve base.
- 25 11. An outlet valve as claimed in any one of claims 7 to 10 wherein the outlet element defines an intake opening in fluid connection with the outlet tube, wherein:
 in the open configuration the base opening and the intake opening are partially or fully aligned such that liquid may be received into the intake opening from the
30 base opening and discharged through the outlet tube; and
 in the closed configuration the base opening and the intake opening are not aligned such that discharge of the liquid received through the base opening is prevented.

12. An outlet valve as claimed in claim 11 wherein the intake opening is arranged in a curved lateral wall of the outlet element.
- 5 13. An outlet valve as claimed in claim 11 or claim 12 wherein the outlet element further comprises an intake tube, the intake tube and the outlet tube together defining a continuous hollow bore for passage of the liquid from the intake opening to an outlet opening arranged at an end of the outlet tube distal to the intake tube.
- 10 14. An outlet valve as claimed in claim 13 wherein the outlet element has a generally L-shaped form, the intake tube optionally being arranged at an angle of substantially 90 degrees to the outlet tube.
- 15 15. An outlet valve as claimed in claim 13 or claim 14 wherein a housing protrudes from an outer face of the valve base, the housing defining a cylindrical bore, a portion of the intake tube being rotatably mounted with the cylindrical bore.
- 20 16. An outlet valve as claimed in claim 15 wherein the detent is arranged on the outer face of the valve base adjacent to the housing and the one or more protrusions are arranged on the intake tube adjacent to the housing.
- 25 17. An outlet valve as claimed in any preceding claim wherein the outlet element rotates about an axis of rotation arranged generally parallel to an attachment face of the valve base and generally horizontally in use.
- 30 18. An outlet valve as claimed in any preceding claim wherein the detent is arranged on the valve base and the one or more protrusions are arranged on the outlet element.
19. An outlet valve as claimed in any preceding claim wherein in the closed configuration the base opening is obstructed by a wall of the outlet element.
20. An outlet valve as claimed in any preceding claim wherein the detent is formed of a material which is less rigid than a material forming the one or more protrusions.

21. An outlet valve as claimed in any preceding claim wherein the detent is integrally formed with the valve base, and wherein optionally the valve base and the detent are formed as a single moulding.
- 5 22. An outlet valve as claimed in any preceding claim wherein the one or more protrusions are integrally formed with the outlet element, and wherein optionally the outlet element and the one or more protrusions are formed as a single moulding.
23. An ostomy appliance comprising:
- 10 an outlet valve as claimed in any preceding claim; and
 an ostomy bag
 wherein the outlet valve is attached to an outer face of the ostomy bag.
24. An ostomy appliance as claimed in claim 23 wherein:
- 15 in the closed configuration the outlet element substantially overlies a cavity of the ostomy bag; and
 in the open configuration at least a portion of the outlet element extends across a lower edge of the cavity of the ostomy bag.