

CLAIMS

1. A cleaner head for a vacuum cleaner, the cleaner head comprising a
5 single agitator rotatably mounted within a housing, the agitator being arranged transversely within the housing such that it is perpendicular to the direction of travel of the cleaner head during use, the agitator being conical in shape, such that a first end has a larger diameter than a second end.
- 10 2. A cleaner head according to claim 1, wherein the agitator has a main body with an outer conical surface, and the lowermost portion of the conical surface is parallel with a flat supporting surface when the cleaner head is in use.
- 15 3. A cleaner head according to claim 1 or 2, wherein the axis of rotation of the agitator is inclined with respect to a flat supporting surface on which the cleaner head is supported during use.
4. A cleaner head according to any preceding claim, wherein the agitator extends transversely across substantially the full width of the housing.
- 20 5. A cleaner head according to any preceding claim, where the housing has a lower opening and the lower opening conforms in outline to the taper of the agitator.
- 25 6. A cleaner head according to any preceding claim, wherein the agitator is cantilevered to the housing.
7. A cleaner head according to claim 6, wherein the agitator is cantilevered at its first end.

8. A cleaner head according to any preceding claim, wherein the agitator further comprises bristle tufts, bristle strips or a surface conforming material.

9. A cleaner head according to any preceding claim, wherein the agitator is
5 driven by a belt from a motor located outside of the agitator.

10. A cleaner head according to any of claims 1 to 8 wherein a motor for driving rotation of the agitator is located inside the agitator.

10 11. A cleaner head according to any preceding claim, wherein the housing is substantially conical in shape.

12. A cleaner head according to any preceding claim, wherein the housing further comprises a neck suitable for connection to a vacuum cleaner, wherein
15 the neck is arranged such that it projects from the housing at a point between the first and second ends of the agitator.

13. A cleaner head according to claim 12, wherein the neck projects from the housing at a mid-point between the first and second ends of the agitator.

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14. A vacuum cleaner comprising a cleaner head as claimed in any of Claims 1 to 13.