

CLAIMS

1. A squeegee unit for a cleaning apparatus comprising:

a squeegee cartridge supporting one or more squeegee blades; and

support means for supporting the squeegee cartridge for movement along a
5 pre-defined arcuate path over a floor surface.
2. A squeegee unit according to claim 1, wherein the support means supports
the squeegee cartridge for a left or right swinging motion when the cleaning
apparatus is turning.
3. A squeegee unit according to claim 2, wherein the support means comprises
10 one or more guide units having at least one roller bearing for guiding the
squeegee cartridge along the arcuate path.
4. A squeegee unit according to claim 3, wherein the or each guide unit further
includes one or more low friction surfaces to facilitate sliding of the
squeegee cartridge.
- 15 5. A squeegee unit according to claims 3 or 4, further comprising a suspension
system for supporting the squeegee cartridge.
6. A squeegee unit according to claim 5, wherein the suspension system
comprises a spring arrangement engaging the or each guide unit.
7. A squeegee unit according to claim 5 or 6, wherein the suspension system
20 further comprises elevation means for raising and lowering the squeegee
cartridge away from or towards the floor surface during operation of the
cleaning apparatus.
8. A squeegee unit according to any one of claims 5 to 7, wherein the
suspension system maintains the one or more squeegee blades at an angle
25 of about 45 degrees relative to the floor surface during operation thereof.

9. A squeegee unit according to any one of the preceding claims, wherein the one or more squeegee blades are supported on the squeegee cartridge to form an arcuate shape.
- 5 10. A squeegee unit according to claim 9, wherein the one or more squeegee blades are releasably secured to the squeegee cartridge.
11. A squeegee unit according to claim 10, wherein the one or squeegee blades are releasably attached to the squeegee cartridge using a tab and cooperating slot arrangement.
- 10 12. A squeegee unit according to any one of claims 9 to 11, wherein the or each squeegee blade is formed from rubber.
13. A squeegee unit according to any one of the preceding claims, wherein the squeegee cartridge comprises a wastewater tank for receiving water collected by the one or more squeegee blades.
- 15 14. A squeegee unit according to claim 13, wherein the one or more squeegee blades comprises one or more perforations to allow the water to be sucked into the wastewater tank.
15. A cleaning apparatus including a squeegee unit according to any one of the preceding claims.

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