CLAIMS

1. A device for cleaning planar surfaces comprising:

a mop comprising a handle, and a head; and

an external base station comprising a base section, adapted to support said mop and to contact at least a portion of the mop head, and a reservoir, which contains a cleaning fluid;

wherein said base section further comprises one or more nozzles, through which at least a portion of said cleaning fluid is released and supplied to the mop head, when the mop head is in contact with said base section of the external base station; wherein the external base station comprises a power supply and a heating element operated by said power supply, and wherein the heating element is adapted to warm up the cleaning fluid when the at least a portion of the mop head is in contact with said base section.

2. The device of claim 1, wherein the handle is a telescopic handle.

3. The device of claims 1-2, wherein the head is a plate head, and the base section is a flat base section.

4. The device of claims 1-3, wherein the reservoir is a removable reservoir.

5. The device of claims 1-4, adapted to have a charge status, wherein the mop is supported on the external base station with at least a portion of said mop head in contact with said base section and wherein the cleaning fluid is supplied to the mop head; a use status, wherein the cleaning fluid has been supplied to the mop and the mop is detached from the external base station; and a rest status wherein the mop is supported on the external base station with at least a portion of said mop head in contact with said base section and wherein no cleaning fluid is supplied to the mop head.

6. The device of claims 1-5, wherein the external base station comprises a dispenser for dosing the at least a portion of cleaning fluid which is released through the one or more nozzles.

7. The device of claim 6, wherein the external base station comprises an electronic board configured to control said dispenser.

8. The device of claims 1-7, further comprising a cloth, which cloth is applied to the head of the mop, so that the at least a portion of said cleaning fluid released through the one or more nozzles is adsorbed by the cloth.

9. The device of claims 1-8, wherein the cleaning fluid is water and the heating element is adapted to vaporize the cleaning fluid which is released through the one or more nozzles in the form of steam.

10. The device of claims 1-9, wherein the mop head comprises a metallic material.

11. The device of claims 1-10, wherein at least one of the mop head and the external base station comprises visual or acoustic means for indicating that the mop is ready to be used for cleaning.

12. The device of claim 11 wherein said means are temperature indicators.

13. The device of claims 1-12, wherein the mop head is connected to the handle by means of a universal joint.

14. The device of claim 13, wherein the universal joint is a gimbal.

15. The device of claims 1-14, wherein the external base station further comprises a set of rechargeable batteries.