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(54) **Improved manual mop**

(57) The mop handle is provided with an intermediate curved area (3) for its gripping with one hand, and above that it is provided with a handgrip (6) for the other hand with rotational capacity on the handle but axially fixed. The handgrip (6) with rotational capacity can be spherical and comprise two halves attached to each other.

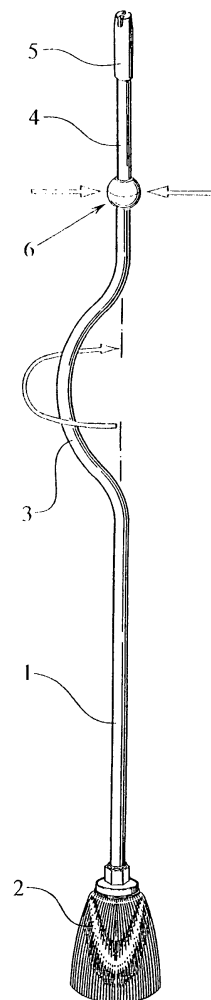


FIG. 2

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Description

[0001] The present invention refers to an improved manual mop which has significant advantages with regard to those currently known.

[0002] The manual mop object of the present invention permits a simple and economical construction and more comfortable handling of the mop than the similar currently known devices.

[0003] Particularly, the mop object of the present invention refers to a mop for cleaning floors of the type disclosed in Utility Model number 200000066, belonging to the same applicant, being provided with improvements with regards to the other mop with regard to constructive simplicity and easy use.

[0004] The mop object of the present invention is characterized in that on its handle, it is provided with a combination of a slightly curved intermediate area for gripping with a hand, with no coating whatsoever, another area serving as a handgrip for the other hand in the form of a ball or the like with rotational capacity arranged between said curved area and the upper end, and, lastly, as leeve is assembled in a fixed manner on said upper end.

[0005] By means of this constitution, the mop has significant economical manufacturing features, and the use is likewise more rational, since, ergonomic handling of the device is permitted due to manual holding of the upper rotational area with regard to the handle in a position close to the gripping area.

[0006] To better understand the invention, several drawings are attached which, as a non-limiting explicative example, show a preferred embodiment of the present invention.

Figure 1 shows a side elevational view of the manual mop object of the present invention.

Figure 2 shows a view similar to figure 1, showing the manner in which efforts and movements on the mop are carried out.

Figure 3 shows a longitudinal section of the intermediate area with rotational capacity.

Figure 4 shows a perspective view of one of the two halves of the embodiment example of the area with rotational capacity of figure 3.

Figure 5 shows a cross section view by the cutting plane indicated in figure 3.

Figure 6 shows a perspective view of the device showing the form of use thereof.

[0007] As can be seen in the drawings, the mop object of the present invention has a handle 1 on whose lower part the scrubbing tool 2, for example a mop-like device, mop or the like, is fixed, said handle having an intermediate curve 3 for gripping with a hand and for defining an upper area 4 which is finished with a fixed sleeve 5. Part 6 is arranged with rotational capacity with regard to the handle between the curve area 3 for gripping the

mop and the upper end 5, which part 6 will be the part intended for gripping the device with the other hand, as seen in figure 6, where the relative position of the mop with respect to the bucket 7 can be seen, showing the user's hands 8 and 9, the first of which will be arranged in the arched area 3, this one being intended for producing the rotation of the tool around the shaft defined by spans 1 and 4 of the handle, whereas hand 9 holds part 6, not visible in said figure, which permits obtaining a bearing function for rotation of the vertical shaft of the mop.

[0008] Intermediate part 6 can be carried out in the most suitable manner as long as it remains axially fixed on the handle and has rotational capacity on the handle.

For example, an embodiment is thus shown in figures 3 to 5, where it can be seen that said part 6 has a significant spherical shape by means of two parts 10 and 11 attached together and internally provided with pins ending in hook form, such as 12 and 13, which are capable of being hooked in an upper and lower area in an intermediate ring 14 firmly coupled on the handle.

[0009] As mentioned, the constructive details can vary without falling outside of the scope of the invention.

[0010] All that which does not affect, alter, change or modify the essence of the described mop will be variable for the purposes of the present invention.

Claims

1. An improved manual mop, **characterized in that** the lower part of the mop handle is provided with an intermediate curve area for gripping with a hand, above which it is provided with a handgrip for the other hand with rotational capacity on the handle and axially fixed thereon, the mop handle being finished with an upper sleeve coupled on the upper end in a fixed manner.
2. An improved manual mop according to claim 1, **characterized in that** the handgrip arranged between the manual gripping curved area and the upper end of the handle adopts a spherical structure.
3. An improved manual mop according to claim 2, **characterized in that** said handgrip comprises two halves attached together and locked together by means of internal pins in a ring solidly fixed to the handle.

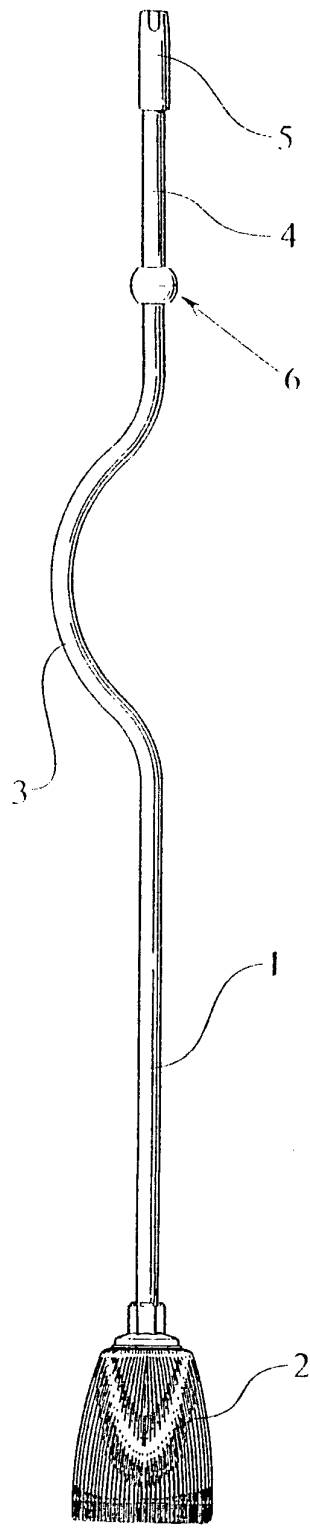


FIG. 1

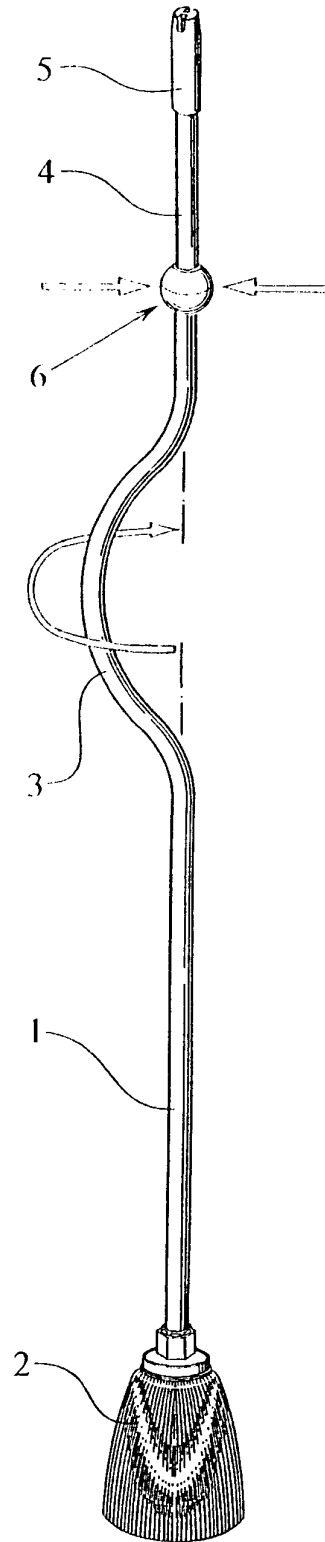


FIG. 2

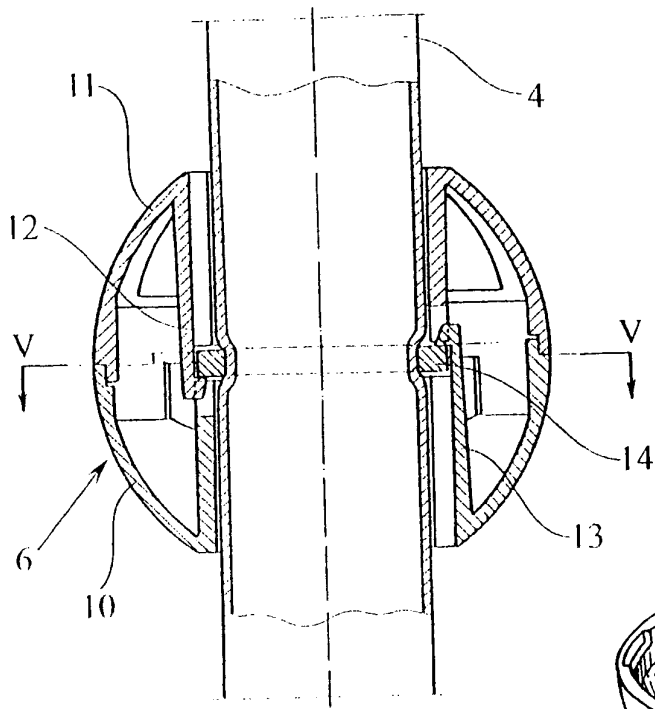


FIG. 3

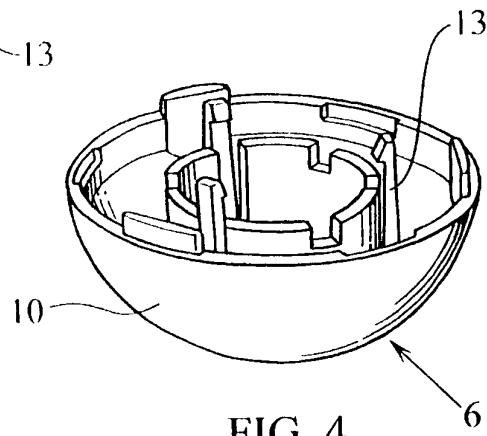


FIG. 4

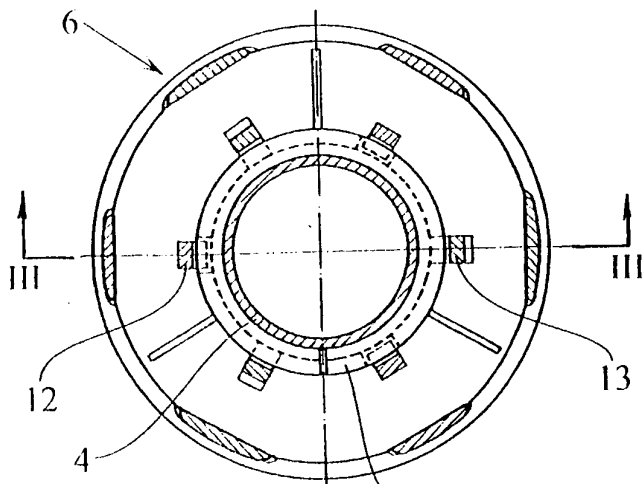


FIG. 5

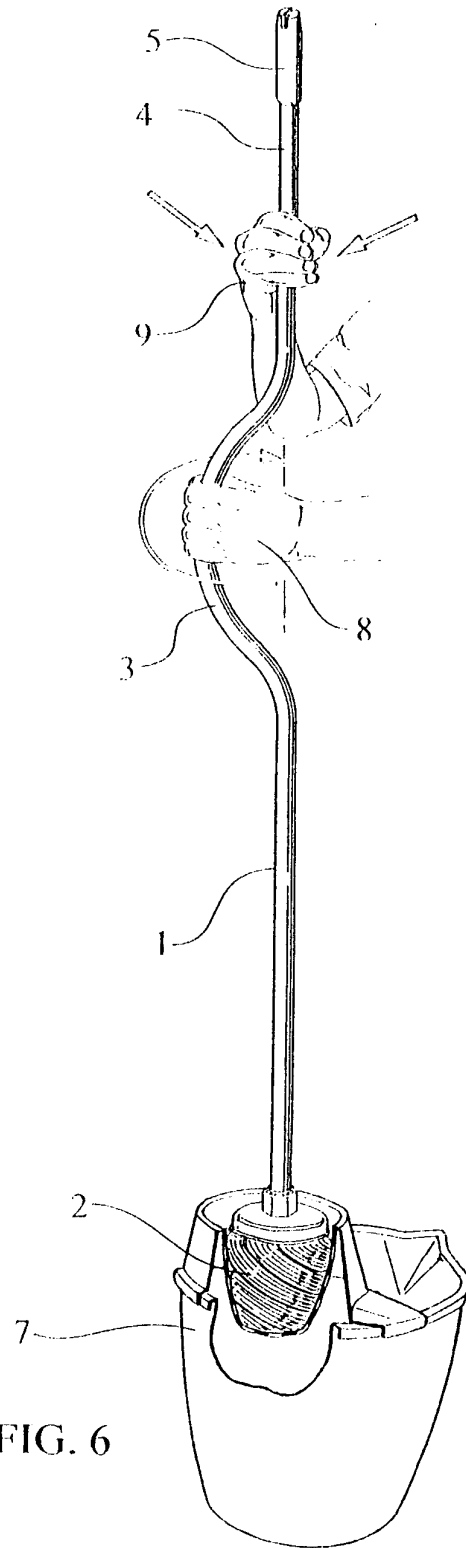


FIG. 6