V-SHAPED INDOOR WASHING CLEANER

TECHNICAL FIELD

The present utility model belongs under the category of washing cleaners—in particular, a V-shaped indoor washing cleaner.

BACKGROUND

Many people transfer indoor demountable objects outside and place these in a container for washing; however, if the objects are hung on indoor walls, the only way to clean them is by using a dust collector or wet cloth, which does not provide thorough cleaning.

SUMMARY

The present utility model aims to provide a washing cleaner that can offer thorough cleaning of objects hung on walls or ceilings. The technical scheme of the present utility model lies in that of a V-shaped indoor washing cleaner composed of two V-shaped brackets arranged symmetrically at the left and right sides, and a soft, V-shaped plastic container placed on the brackets.

Each of the V-shaped brackets, consisting of two strip plates and two circular connecting parts, respectively, is arranged at the bottom ends of the strip plates and hinged concentrically. An insertion part is arranged on each outer wall of the two sides of the V-shaped soft plastic container. The insertion parts are two strip insertion pockets that open at the upper and lower ends thereof and arranged in the shape of a “V,” and the strip plates are inserted into the corresponding strip insertion pockets for fixing.

As an optimized technical scheme, a water outlet is formed in the bottom of the V-shaped soft plastic container, a spiral connector is arranged and externally connected to a water outlet pipe, and a bucket is placed at the tail end of the water outlet pipe to be extended only when a user does not need too much water to clean. A range of water outlet pipes can be serially connected when the

user needs much water to clean. Moreover, the water outlet pipe can be freely adjusted to the required length through extension, and clean water is directly guided outside or to the drainage exit of a shower room.

As the optimized technical scheme, a wall attaching clamp is placed on top of each strip plates on the wall in the two V-shaped brackets, respectively.

As the optimized technical scheme, a range of insertion grooves are formed at the top of each strip plate, respectively, and wall fixed mounts are correspondingly inserted into one of the insertion grooves for fixing; and at different positions, the insertion grooves are selected according to requirements to adjust the distance between the structure and a placed object.

As the optimized technical scheme, the wall attaching clamps can either be sidewall attaching clamps or top wall attaching clamps to clean objects hung on walls or the ceiling.

As the optimized technical scheme, a locating hole is formed at the top of each strip plate, respectively, and the locating holes in the two strip plates in contact with the wall are connected through a string.

As the optimized technical scheme, the two circular connecting parts are hinged through a nut so that the two strip plates can rotate by 360°, relatively around the nut to adjust different angles of the V-shaped soft plastic container, and when the V-shaped soft plastic container is not used, it can be folded into a strip conveniently for storage.

As the optimized technical scheme, the lengths of the strip plates are 0.5 to 1.5 m, and relatively, frequently used length dimensions are 0.8 m and 1.2 m.

The V-shaped indoor washing cleaner has the advantages to thoroughly clean objects hung on the wall or ceilings.

BRIEF DESCRIPTION OF THE DRAWINGS

The description of the present utility model is further described in conjunction with the following drawings and embodiments.

Figure 1 is a structure diagram of the present utility model;

Figure 2 is a diagram of a structure, combined with a wall attaching clamp, at the top of each strip plate in the present utility model;

Figure 3 is a diagram of the structure, combined with the wall attaching clamp, on the top of each strip plate in the present utility model;

Figure 4 is a diagram of the structure, combined with the wall attaching clamp, on the top of each strip plate in the present utility model;

wherein, 1, V-shaped soft plastic container; 2, strip plate; 3, circular connecting part; 4, strip insertion pocket; 5, spiral connector; 6, insertion groove; 7, sidewall attaching clamp; 8, top wall attaching clamp; 9, locating hole; 10, string; and 11, nut.

DESCRIPTION OF THE EMBODIMENTS

In the embodiment, referring to Figures 1–4, a V-shaped indoor washing cleaner comprised of two V-shaped brackets symmetrically arranged at the left and right sides and a V-shaped soft plastic container (1) arranged on the V-shaped brackets; each of the V-shaped brackets consists of two strip plates (2) and two circular connecting parts (3), respectively, arranged at the bottom ends of the two strip plates (2) and hinged concentrically; an insertion part is arranged on each side of the outer wall of the V-shaped soft plastic container (1), and the insertion parts are two strip insertion pockets (4) that open at the upper and lower ends thereof and arranged in the shape of a “V,” and the strip plates (2) are inserted into the corresponding strip insertion pockets (4) for fixing.

In the present utility model, a water outlet is formed at the bottom of the V-shaped soft plastic container (1), a spiral connector (5) is arranged and externally connected to a water outlet pipe, and a bucket is placed at the tail end

of the water outlet pipe to be extended only when a user does not need too much water to clean; a range of water outlet pipes can be serially connected when the user needs much water to clean. Moreover, the water outlet pipe can be freely adjusted to the required length through extension, and clean water is directly guided outside or to the drainage exit of a shower room.

In the present utility model, a wall attaching clamp is arranged at the top of each of the strip plates (2) in contact with the wall in the two V-shaped brackets, respectively; a range of insertion grooves (6) are formed at the top of each strip plate (1), respectively, and wall fixed mounts are correspondingly inserted into one of the insertion grooves (6) for fixing; and at different positions, the insertion grooves (6) are selected according to requirements to adjust the distance between the structure and a placed object.

In the present utility model, the wall attaching clamps are either sidewall attaching clamps (7) or top wall attaching clamps (8) so as to clean objects hung on the wall or ceiling; a locating hole (9) is formed at the top of each strip plate (2), respectively, and the locating holes (9) in the two strip plates (2) in contact with the wall are connected through a string (10).

In the present utility model, the two circular connecting parts (3) are hinged through a nut (11) so that the two strip plates (2) can rotate by 360°, relatively around the nut (11) to adjust different angles of the V-shaped soft plastic container (1), and when the V-shaped soft plastic container (1) is not used, it can be folded to form the simple shape of a strip conveniently for storage.

In the present utility model, the V-shaped soft plastic container (1) is a plastic bag that can be designed thinner according to user requirements and is extremely convenient for disposable application. Furthermore, it is affordable and disposable. It can also be made thicker, with a design allowing convenient repeated use. Lastly, the plastic bag is easily folded and is a product that does not occupy any storage space.

The above embodiments only illustrate the technical conceptions and

characteristics of the present utility model and aim to enable people who are familiar with the technology to understand the content of the present utility model and perform an assessment but not limit the protective scope of the present utility model. All equivalent changes or modifications for the spiritual nature of the present utility model should be contained in the protective scope of the present utility model.

C L A I M S

1. A V-shaped indoor washing cleaner, characterized by comprising two V-shaped brackets arranged symmetrically at the left and right sides, and a V-shaped soft plastic container (1) arranged on the V-shaped brackets;

each of the V-shaped brackets is composed of two strip plates (2) and two circular connecting parts (3), respectively, arranged at the bottom ends of the two strip plates (2) and hinged concentrically; an insertion part is arranged on each side of the outer wall of the V-shaped soft plastic container (1), and the insertion parts are two strip insertion pockets (4) that open at the upper and lower ends thereof and arranged in the shape of a “V,” and the strip plates (2) are inserted into the corresponding strip insertion pockets (4) for fixing.

2. The V-shaped indoor washing cleaner according to claim 1, characterized in that a water outlet is formed in the bottom of the V-shaped soft plastic container (1), a spiral connector (5) is arranged and externally connected to a water outlet pipe.

3. The V-shaped indoor washing cleaner according to claim 1, characterized in that a wall attaching clamp is arranged on the top of each of the strip plates (2) in contact with the wall in the two V-shaped brackets respectively.

4. The V-shaped indoor washing cleaner according to claim 3, characterized in that a range of insertion grooves (6) are formed at the top of each strip plate (2), respectively, and wall fixed mounts are correspondingly inserted into one of the insertion grooves (6) for fixing.

5. The V-shaped indoor washing cleaner according to claim 3 or 4, characterized in that the wall attaching clamps are sidewall attaching clamps (7) or top wall attaching clamps (8).

6. The V-shaped indoor washing cleaner according to claim 1, characterized in that a locating hole (9) is formed in the top of each strip plate (2), respectively, and the locating holes (9) in the two strip plates (2) in contact with the wall are connected through a string (10).

7. The V-shaped indoor washing cleaner according to claim 1,

characterized in that two circular connecting parts (3) are hinged through a nut (11).

8. The V-shaped indoor washing cleaner according to claim 1, characterized in that the lengths of the strip plates (2) are 0.5m to 1.5m.