The present invention is directed to a new and improved frame structure for use in devices for washing or polishing floors and the like, and wherein the frame structure is connected to the handle or socket receiving the handle in a manner to provide for the utilization of such connecting means as a limit for the movement of the handle.

The invention is illustrated in the accompanying drawings, in which:

Fig. 1 is a plan view showing the improved connection between the handle socket and frame strip.

Fig. 2 is a broken elevation showing the end of the strip formed for connection with the handle socket.

As shown, the metal strip 2 is of triangular form with re-entrant terminals spaced apart to receive the handle socket 11 or the handle directly as may be preferred between them. The socket is formed with a transverse bore which registers with openings 12 in the strip terminals, said strip terminals being additionally formed with openings 9 arranged beyond the openings 12.

A connector 10 removably joins the socket or handle to the metal strip, this connector being of U-shape with a long leg adapted to be passed through the openings 19 in the strip and through the transverse bore of the handle socket or handle, and a somewhat shorter leg 14 adapted to be passed through the openings 9 beyond the end of the socket or handle, a locking nut 13 secured on the terminal of the leg of the connector extending through the socket preventing accidental disconnection of the parts.

The openings 9 and 12 are arranged in such relation that the leg 14 of the connector forms a stop for the end of the socket or handle when the latter is at an appropriate inclination, say an angle of 45° to the plane of the metal strip. This precludes accidental upturning of the strip in the use of the device.

It is of course to be understood that the cleaning element proper not shown may be in any appropriate form, capable of being supported upon the metal strip 2.

Having now fully described my said invention, what I claim and desire to secure by Letters Patent, is:

1. A mop including a metal strip to receive and support a mop fabric, the respective ends of said strip being arranged in spaced parallel relation and each formed with two spaced openings, a U-shaped bolt inserted through the openings of the strip ends, one of the branches of said bolt being utilized as a handle support, and a handle engaging said support, the remaining branch of the bolt serving as a stop for the handle in its pivotal movement on the support.

2. In a mop, a metal strip of substantially triangular outline in plan, the ends of the strip being arranged in spaced parallel relation and each formed with two spaced holes, a handle adapted to be positioned between the ends of the strip, and a U-shaped bolt passed through the holes of both strip ends with one of the branches of said bolt passing through the handle to serve as a pivotal support therefore, the other branch of said bolt being arranged in advance of the end of the handle and serving as a stop to limit the pivotal play of the handle.

In testimony whereof I have hereunto set my hand.

OSCAR PAUL DOMINIQUE HENDRICK-COLLETTE.