

BRUSH CORE FOR DISK SCRUBBING APPARATUS
AND METHOD FOR USE THEREOF

ABSTRACT OF THE INVENTION

A compressible brush core having a first mechanism for allowing compression of the outer diameter of the brush core and a second mechanism for prohibiting compression of the outer diameter of the core. The inventive multiple-part brush core comprises an outer core component, having a hollow center and having at least one notch for allowing compression of the core during insertion into the hollow center of a brush, and an inner core component for insertion into the center of the outer core component to provide rigidity during use. The brush core assembly may additionally include mounting mechanisms including a spring-mounted spindle for engaging a mounting socket on a scrubbing device. Alternatively, the scrubbing device may include a spring-mounted spindle for engaging the mounting socket (i.e., hollow center) of the brush core assembly. During mounting of the brush core assembly into a scrubbing device, the spring-mounted spindle retracts under a compressive force. When the compressive force is released, the spindle is released to engage the mounting socket, and the spring holds the brush core assembly in place.

Fig. 3 and Fig. 4

