ABSTRACT

~~A lower casing assembly (10) and a cleaning device (1). The lower casing assembly (10) comprises: a lower casing body (100), a first module (630) and a second module (640), the lower casing body (100) comprising a bottom portion (600) and a side portion (610); the bottom portion (600) comprising a first side (601) and a second side (602) which are opposite to each other; the side portion (610) being arranged around the bottom portion (600) so as to form a cavity (603) in the first side (601) of the bottom portion (600); the first module (630) being mounted on the second side (602) of the lower casing body (100); the second module (640) being mounted on the second side (602) of the lower casing body (100) and being spaced apart from the first module (630); the first module (630) being configured to rotate around a rotation axis (678); the second module (640) being configured to rotate around an axis perpendicular to the rotation axis (678); and the rotation axis (678) extending in a direction in which the first side (601) points at the second side (602). The lower casing assembly (10) and the cleaning device (1) can combine a cleaning effect and an advancing speed of the cleaning device (1), and not only comprise a module capable of realizing rapid linear advancing of the cleaning device (1), but also comprise a module capable of performing cleaning by means of rotation, so that the cleaning efficiency of the cleaning device (1) is remarkably improved while ensuring the moving speed of the cleaning device (1).~~

A lower shell assembly and a cleaning device are provided. The lower shell assembly (10) includes: a lower shell body (100), a first module (630), and a second module (640); the lower shell body (100) includes a bottom portion (600) and a side portion (610), the bottom portion (600) includes a first side (601) and a second side (602) which are opposite to each other, and the side portion (610) is arranged around the bottom portion (600) to form a cavity (603) on the first side (601) of the bottom portion (600); the first module (630) is installed on the second side (602) of the bottom portion (100); and the second module (640) is installed on the second side (602) of the lower shell body (100) and spaced apart from the first module (630), the first module (630) is configured to rotate around a rotating axis (678), the second module (640) is configured to rotate around an axis perpendicular to the rotating axis (678), and the rotating axis (678) extends in a direction from the first side (601) to the second side (602). The lower shell assembly and the cleaning device provided by the present disclosure can combine the cleaning effect with the moving speed of the cleaning device, and include a module capable of realizing fast and straight-line moving of the cleaning device and a module capable of cleaning by rotation. While ensuring the moving speed of the cleaning device, it significantly improves the cleaning efficiency of the cleaning device.