

Abstract**PLANT WATERING AND FEEDING DEVICE**

A variable-drip plant watering device provides a range of drip rates. The device has a liquid reservoir, a liquid outlet, a flow channel connecting the reservoir to the outlet, and a valve which regulates liquid flow. The valve has a moveable barrier positionable across the flow channel to selectively restrict liquid flow so that the drip rate of the device can be varied for watering plants. The barrier is moveable between a fully closed position that prevents any liquid flow and one or more opened positions that allow liquid flow at different drip rates. The moveable barrier has a plurality of apertures any one of which can be selectively positioned across the flow channel in the valve to restrict liquid flow through whichever aperture is selected. The flow channel is straight, so that opening the valve fully achieves a fast liquid flow rate to flush out the valve.

Figure 1