

A sump contains a cylindrical housing, a precipitating element made in the form of several flat spirals, which form inclined round shelves, pipes for supply of cleaned water and removal of purified water and sediment. The sump is equipped with coaxially installed in the housing with possibility of rotation cylindrical sediment-receiving chamber with perforation in the upper part. The spiral shelves are fixed on the external surface of sediment-receiving chamber and are made on the periphery with flanging directed downward.