

[Document Name] Abstract

The aim of the present invention is to provide a plant culturing apparatus and a plant culturing method for a plant whole body that allow liquid phase roots and vapor phase roots to separately appear in the root system thereof without using soil. More specifically, according to the present invention, the above described aim is achieved by culturing a plant whole body in the plant culturing apparatus for a plant whole body, which comprises a light-shading casing that is provided with at least one through hole on the ceiling surface and holds a culture liquid, and an inner surface showing capillary force, that are arranged on at least a part of an inner side surface from among an inner surface of the light-shading casing.