

## PLANT GROWING APPARATUS

### ABSTRACT

A plant growing apparatus capable of irradiating plants by switching white light from a white light source into light of a color of a specific wavelength by using a partition plate that partitions a light source placement space and a plant growing space is provided.

The plant growing apparatus includes: a white light source emitting white light and being provided so as to face plants to be grown; a light source placement space configured to place the white light source; and a plant growing space configured to place the plants to be grown; a housing facility blocking entry of external light; and a partition plate being provided so as to extend in the housing facility in a horizontal direction, and including a filter blocking at least one of temperature transfer and air circulation between the light source placement space and the plant growing space, and transmitting light of a specific wavelength in the white light from the white light source.

Fig. 1