

PLANT GROWTH PROMOTER

ABSTRACT

A plant growth promoter includes a container for placing the roots of a
5 plant in culture solution for cultivating the plant, a circulator for circulating
culture solution, a power supply for applying a voltage, at least a pair of
electrodes disposed opposite to each other for applying the voltage by the power
supply in the culture solution, and a controller that controls applying of the
voltage. The pair of electrodes has no moving part at a part in contact with
10 the roots of the plant, and at least one of the pair of electrodes applies a voltage
in a direction of water flow in which the culture solution circulates by the
circulator while sequentially changing an application area.

[FIG.1]